

May 14, 2007

Utah Division of Oil, Gas and Mining P.O. Box 145801 1594 West North Temple, Suite 1210 Salt Lake City, Utah 84114-5801

14-22-46 BTR Tribal Surface Owner (Ute Indians)/Tribal Minerals SWSW, Section 22-T4S-R6W Duchesne County, Utah

Diana Mason, Permitting - Petroleum Technician:

Enclosed please find a copy of Bill Barrett Corporation's (BBC) application for permit to drill the above captioned well. Montgomery Archeological completed a Class III archeological survey for this location and the report dated April 27, 2007, states "no historic properties affected" the site (MOCA Report No. 07-105). Also, on March 23, 2007, a threatened and endangered species survey was conducted and the location was cleared.

Please contact me at (303) 312-8546 if you need anything additional or have any questions.

Sincerely,

Reed Haddock Permit Analyst

Enclosures

RECEIVED MAY 1 5 2007

DIV. OF OIL, GAS & MINING

1099 18TH STREET SUITE 2300 DENVER, CO 80202

P 303.293.9100

F 303.291.0420

Form 3160-3 (April 2004)

UNITED STATES

FORM	APPROV	ED
OMB N	lo. 1004-0	137
Expires	March 31	200

5.	Lease Serial No.
	BIA 14-20-H62-550

DEPARTMENT OF THE II BUREAU OF LAND MANA	5. Lease Serial No. BIA 14-20-H62-5500				
APPLICATION FOR PERMIT TO I	6. If Indian, Allotee or Tribe Name UTE INDIAN TRIBE				
la. Type of work: DRILL REENTER			7 If Unit or CA Agreement, Name and No. N/A		
Ib. Type of Well: Oil Well Gas Well Other	Single Zone Multip	le Zone	8. Lease Name and Well # 14-22-46 DLB	No.	
2. Name of Operator BILL BARRETT CORPORATION			9. API Well No. Pending 43-	013-33460	
3a. Address 1099 18th Street, Suite 2300 Denver CO 80202	3b. Phone No. (include area code) (303) 312-8546		10. Field and Pool, or Expl Altamont	oratory	
4. Location of Well (Report location clearly and in accordance with any At surface SWSW, 270' FSL, 1068' FWL At proposed prod. zone SWSK, 660' FSL, 1980' FWL	State requirements.*)		11. Sec., T. R. M. or Blk. at Section 22-T4S-Re	·	
14. Distance in miles and direction from nearest town or post office* Approximately 11.6 miles southwest of Duchesne, Utah			12. County or Parish Duchesne	13. State UT	
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 270' SHL; 660' BHL	16. No. of acres in lease N/A	17. Spacing	g Unit dedicated to this well		
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. 2750' (abandoned well)	19. Proposed Depth 9593'		BIA Bond No. on file onwide Bond #WYB000040		
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 7131' ungraded ground	22. Approximate date work will star 07/01/2007	rt*	23. Estimated duration 45 days		
	24. Attachments				
The following, completed in accordance with the requirements of Onshor	e Oil and Gas Order No.1, shall be a	ttached to thi	s form:		
 Well plat certified by a registered surveyor. A Drilling Plan. A Surface Use Plan (if the location is on National Forest System SUPO shall be filed with the appropriate Forest Service Office). 	Lands, the Item 20 above). 5. Operator certific	cation specific info	ns unless covered by an existence or an analysis or an and/or plans as ma		
25. Signature Lord Haddock	Name (Printed/Typed) Reed Haddock		Da	o5/14/2007	
Title Permit Analys	*******		÷		
Approved by Signature	Name (Printed/Typed) BRADLEY	G. HII	L Da	ate 05-16-07	
Title	Officenvironmenta	L MANAG	ier .		
Application approval does not warrant or certify that the applicant hold conduct operations thereon. Conditions of approval, if any, are attached.	ls legal or equitable title to those righ	nts in the sub	ject lease which would entit	le the applicant to	
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a c States any false, fictitious or fraudulent statements or representations as	rime for any person knowingly and to any matter within its jurisdiction.	willfully to n	nake to any department or a	gency of the United	

*(Instructions on page 2)

Federal Approval of this Action is Necessary

BHL

RECEIVED MAY 1 5 2007

538285¥ 44402064

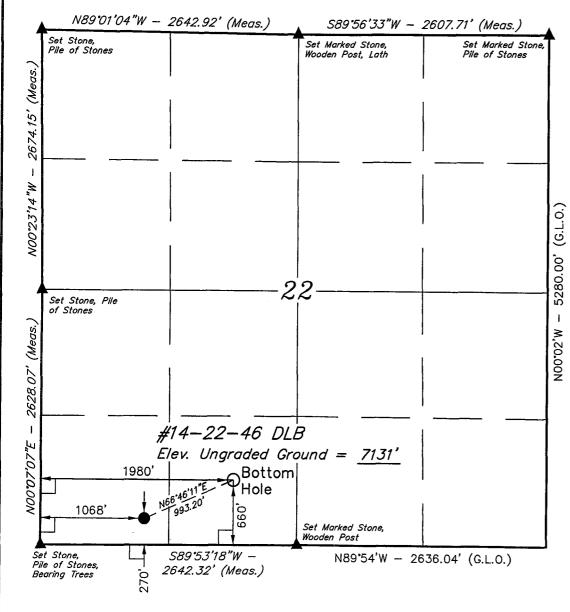
4440084Y 40.112115 -110.554033

538006X

Surf

40.113184 -110.550758 DIV. OF OIL, GAS & MINING

T4S, R6W, U.S.B.&M.



LEGEND:

__ = 90° SYMBOL

= PROPOSED WELL HEAD.

= SECTION CORNERS LOCATED.

(NAD 83)

LATITUDE = 40.06'43.64'' (40.112122)

LONGITUDE = 110'33'16.71" (110.554642)

(NAD 27)

LATITUDE = $40^{\circ}06'43.79"$ (40.112164)

LONGITUDE = 110°33'14.15" (110.553931)

BILL BARRETT CORPORATION

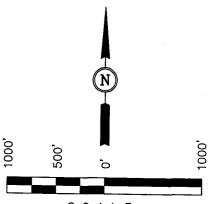
Well location, #14-22-46 DLB, located as shown in the SW 1/4 SW 1/4 of Section 22, T4S, R6W, U.S.B.&M., Duchesne County, Utah.

BASIS OF ELEVATION

BENCH MARK (M67) LOCATED IN THE SW 1/4 OF SECTION 9, T5S, R4W, U.S.B.&M., TAKEN FROM THE DUCHESNE SE QUADRANGLE, UTAH, DUCHESNE COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED ON CAP AS BEING 6097 FEET.

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



SCALE

THIS IS TO CERTIFY THAT THE ARRYS AFE BY ME ON QUOS SUPERVISION AND THAT THE SME ARE MORE AND CORRECT BEST OF MY KNOWLEDGE AND BELLIEF

CONTREE LAND SUBVEYOR RESEARCH NO 61319

UINTAH ENGINEERING & LAND SURVEYING 85 SOUTH 200 EAST - VERNAL, UTAH 84078 (435) 789-1017

	,	
1" = 1000'	DATE SURVEYED: 04-12-07	DATE DRAWN: 04-23-07
PARTY D.S. M.B. P.M.	REFERENCES G.L.O. PLA	AT
WEATHER COOL	FILE BILL BARRET	T CORPORATION



May 11, 2007

Ms. Diana Mason – Petroleum Technician State of Utah Division of Oil, Gas and Mining 1594 West North Temple, Suite 1210 P. O. Box 145801 Salt Lake City, Utah 84114-5801

Re:

Directional Drilling R649-3-11

Lake Canyon Area #14-22-46 DLB Well

Surface: 270' FSL & 1068' FWL - SWSW, 22-T4S-R6W Bottom Hole: 660' FSL & 1980' FWL - SESW, 22-T4S-R6W

Duchesne County, Utah

RECEIVED MAY 1 5 2007

DIV. OF OIL, GAS & MINING

Dear Ms. Mason:

Pursuant to the filing of Bill Barrett Corporation's ("BBC") Application for Permit to Drill ("APD") regarding the above referenced well, we are hereby submitting this letter in accordance with Oil & Gas Conservation Rule R649-11, pertaining to Directional Drilling and the Location and Siting of Wells.

- The above-mentioned proposed location is within our Lake Canyon Area.
- BBC is permitting this well as a directional well in order to minimize surface disturbance. By locating the well at the surface location and directionally drilling from this location, BBC will be able to utilize the existing road and pipelines in the area and also minimize surface disturbance.
- BBC hereby certifies it owns a working interest along with Berry Petroleum Company, and together we own 100% of the working interest within 460 feet of the entire directional well bore.
- Our ownership rights under our Exploration and Development Agreement with the Ute Indian Tribe and UDC provides for the drilling of exploratory wells. Said agreement provides that we consult with these owners regarding the drilling of this well.

Based on the information provided, BBC requests that the permit be granted pursuant to R649-3-11. If you should have any questions or need further information, please contact me at 303-312-8129.

Sincerely,

Doug Gundry-White

SUITE 2300

Denver, CO 80202

Doug Gundry-White Senior Landman

1099 18TH STREET **SUITE 2300**

P 303.293.9100

303.291.0420

HAZARDOUS MATERIAL DECLARATION

WELL NO. # 14-22-46 DLB - LEASE NO. BIA 14-20-H62-5500

Bill Barrett Corporation guarantees that during the drilling and completion of the above referenced well, we will not use, produce, or store, transport or dispose 10,000# annually of any of the hazardous chemicals contained in the Environmental Protection Agency's consolidated list of chemicals subject to reporting under Title III Super Amendments and Reauthorization Act (SARA) of 1986.

Bill Barrett Corporation guarantees that during the drilling and completion of the above referenced well, we will use, produce, store, transport, or dispose less than the threshold planning quantity (TPQ) of any extremely hazardous substances as defined in 40 CFR 355.

DRILLING PLAN

BILL BARRETT CORPORATION # 14-22-46 DLB

SHL: SWSW, 270' FSL & 1068' FWL, Section 22-T4S-R6W BHL: SESW, 660' FSL & 1980' FWL, Section 22-T4S-R6W Surface Owner: Tribal (Ute Indian Tribe)

Duchesne County, Utah

1 - 2. Estimated Tops of Geological Markers and Formations Expected to Contain Water, Oil and Gas and Other Minerals

<u>Formation</u>	<u>Depth</u>
Duchesne River/Uinta	Surface
Green River	3,837'
Douglas Creek	4,632'
Black Shale	5,309'
Castle Peak	5,589'
Wasatch	6,208' *
North Horn	8,118' *
TD	9,593'

*PROSPECTIVE PAY

The Wasatch and the North Horn are primary objectives for oil/gas.

3. BOP and Pressure Containment Data

Depth Intervals	BOP Equipment
0-950'	No pressure control required
950' – TD	11" 3000# Ram Type BOP
	11" 3000# Annular BOP
- Drilling spool to	accommodate choke and kill lines;
- Ancillary and cho	oke manifold to be rated @ 3000 psi;
7 1 1	ent and choke manifold rated at 3,000#. All BOP and BOPE tests will be in the requirements of onshore Order No. 2;
	e State of Utah Division of Oil, Gas and Mining will be notified 24 hours in OP pressure tests.
	s may be underneath the sub-structure of the rig if the drilling rig used is set up efficiently in this manner.

4. <u>Casing Program</u>

Hole Size	SETTING (FROM)	G DEPTH (TO)	Casing Size	Casing Weight	Casing Grade	Thread	Condition
12 1/4"	surface	950'	9 5/8"	36#	J or K 55	ST&C	New
7 7/8"	surface	9,593'	5 ½"	17#	N or I 80	LT&C	New

5. Cementing Program

9 5/8" Surface Casing	Approximately 330 sx Halliburton Light Premium with additives mixed at 12.3 ppg (yield = 1.43 ft ³ /sx) circulated to surface with 100% excess
5 1/2" Production Casing	Approximately 190 sx Halliburton Hi-Fill Modified cement with additives mixed at 11.0 ppg (yield = 3.81 ft ³ /sx). Approximately 760 sx Halliburton Light Premium Plus cement with additives mixed at 13.5 ppg (yield = 1.58 ft ³ /sx). Top of cement to be determined by log and sample evaluation; estimated TOC 950°.

6. Mud Program

Interval	Weight	<u>Viscosity</u>	Fluid Loss (API filtrate)	<u>Remarks</u>
40' – 950'	8.3 – 8.8	26 – 36	NC	Freshwater Spud Mud Fluid System
950' – TD	8.6 – 9.4	42-52	20 cc or less	DAP Polymer Fluid System

Note: Sufficient mud materials to maintain mud properties, control lost circulation and to contain "kicks" will be available at wellsite. BBC may require minor amounts of diesel to be added to its fluid system in order to reduce torque and drag.

7. Testing, Logging and Core Programs

Cores	None anticipated;
Testing	None anticipated; drill stem tests may be run on shows of interest;
Sampling	30' to 50' samples; surface casing to TD. Preserve samples all show intervals;
Surveys	MWD as needed to land wellbore;
Logging	DIL-GR-SP, FDC-CNL-GR-CALIPER-Pe-Microlog, Sonic-GR (all TD to surface).
	FMI & Sonic Scanner to be run at geologist's discretion.

8. Anticipated Abnormal Pressures or Temperatures

No abnormal pressures or temperatures or other hazards are anticipated.

Maximum anticipated bottom hole pressure equals approximately 4689 psi* and maximum anticipated surface pressure equals approximately 2579 psi** (bottom hole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

9. Auxiliary equipment

- a) Upper kelly cock; lower Kelly cock will be installed while drilling
- b) Inside BOP or stab-in valve (available on rig floor)
- c) Safety valve(s) and subs to fit all string connections in use
- d) Mud monitoring will be visually observed

^{*}Max Mud Wt x 0.052 x TD = A (bottom hole pressure)

^{**}Maximum surface pressure = $A - (0.22 \times TD)$

10. Location and Type of Water Supply

Water for the drilling and completion will be trucked from the Duchesne City Culinary Water Dock located in Sec. 1, T4S, R5W.

11. <u>Drilling Schedule</u>

Location Construction:

Approximately June 15, 2007

Spud:

Approximately July 1, 2007

Duration:

20 days drilling time

45 days completion time

14-22-46 DLB Proposed Cementing Program

Job Recommendation		Sur	face Casing
Lead Cement - (950' - 0')			
Halliburton Light Premium	Fluid Weight:	12.3	lbm/gal
2.0% Calcium Chloride	Slurry Yield:	1.43	ft ³ /sk
0.25 lbm/sk Ploy-E-Flake	Total Mixing Fluid:		Gal/sk
	Top of Fluid:	0'	
	Calculated Fill:	950'	
	Volume:	119.22	bbl
	Proposed Sacks:	330	sks

Job Recommendation		Production Casing		
Lead Cement - (4132' - 850')				
Halliburton Hi-Fill Modified	Fluid Weight:	11.0	lbm/gal	
16.0% Bentonite	Slurry Yield:	3.81	ft ³ /sk	
0.75% Ecpnolite	Total Mixing Fluid:	23.00	Gal/sk	
7.5 lbm/sk Gilsonite	Top of Fluid:	850'		
2.0 lbm/sk Granulite TR	Calculated Fill:	3,282'		
3.0% Salt	Volume:	126.58	bbl	
0.2% HR-7	Proposed Sacks:	190	sks	
Tail Cement - (9593' - 4132')				
Halliburton Light Premium Plus	Fluid Weight:	13.5	lbm/gal	
3.0% KCl	Slurry Yield:	1.58	ft ³ /sk	
1.0% Econolite	Total Mixing Fluid:	7.77	Gal/sk	
0.5% Halad®-322	Top of Fluid:	4,132'		
0.6% HR-5	Calculated Fill:	5,461'		
0.25 lbm/sk Flocele	Volume:	210.65	bbl	
1.0 lbm/sk Granulite	Proposed Sacks:	760	sks	



Weatherford

Drilling Services

Proposal



BILL BARRETT CORPORATION

#14-22-46 DLB

DUCHESNE COUNTY, UTAH

WELL FILE:PLAN1

MAY 9, 2007

363 North Sam Houston Pkwy E, Suite 600 Houston, Texas 77060 USA +1.281.260.5600 Main +1.281.260.2763 Fax www.weatherford.com



6000

8250

9000-

9750

-750

750

1500

Vertical Section at 66.77° [1500ft/in]

Bill Barrett Corporation

#14-22-46 DLB 270' FSL & 1068' FWL SECTION 22-T4S-R6W DUCHESNE COUNTY, UTAH

SITE DETAILS

#14-22-46 DLB SECTION 22-T4S-R6W 270' FSL & 1068' FWL

Site Centre Latitude: 40°06'43.640N Longitude: 110°33'16.710W

Ground Level: 7129.10 Positional Uncertainty: 0.00 Convergence: 0.61

	SECTION DETAILS											
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target		
1 2 3 4 5 6	0,00 1000.00 1860.43 5227.57 6518.21 9593.21	0.00 0.00 12.91 12.91 0.00 0.00	66.77 66.77 66.77 66.77 66.77 66.77	0.00 1000,00 1853,17 5135.24 6415.00 9490,00	0.00 0.00 38.06 334.69 391.78 391.78	0.00 0.00 88.68 779.80 912.81 912.81	0,00 0,00 1,50 0,00 1,00 0,00	0.00 0.00 66.77 0.00 180.00 66.77	0.00 0.00 96.50 848.59 993.34 993.34	PBHL #14-22-46		

	WELL DETAILS											
Name	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot					
#14-22-46 DLB	0.00	0.00	7210976.46	1904812.63	40°06'43.640N	110°33'16.710W	N/A					

FORMATION TOP DETAILS

No.	TVDPath	MDPath	Formation
1	3780.00	3837.20	TGR 3
2	4555.00	4632.29	DOUGLAS CREEK
1 2 3	5215.00	5309,26	BLACK SHALE MARKER
4	5490.00	5589.15	CASTLE PEAK
4 5	6105,00	6208.06	WASATCH
6	8015.00	8118.21	NORTH HORN

ASSUMED 15' KB ELEVATION

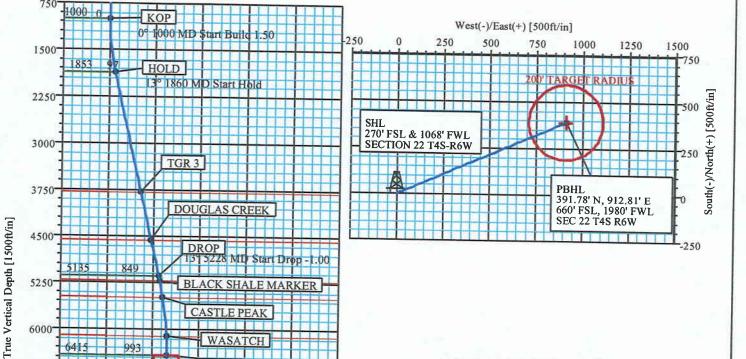
KB ELEVATION: 7144.1' GR ELEVATION: 7129.1'

0° 9593 MD TD

2250

3000

3750



Azimuths to True North MMagnetic North: 12.06° Magnetic Field Strength: 52689nT Dip Angle: 65.88° Date: 5/8/2007 Model: bggm2006

TOTAL CORRECTION TO TRUE NORTH: 12.06°



Plan: Plan #1 (#14-22-46 DLB/1)

Created By: ROBERT SCOTT

Date: 5/9/2007

Weatherford International, Ltd. PLAN REPORT

Company: BILL BARRETT CORP Field:

DUCHESNE COUNTY, UTAH

Site: Well: #14-22-46 DLB

Wellpath:

#14-22-46 DLB

Date: 5/9/2007

Time: 10:46:03 Site: #14-22-46 DLB, True North

Co-ordinate(NE) Reference: Vertical (TVD) Reference:

SITE 7144.1

Well (0.00N,0.00E,66.77Azi)

Minimum Curvature

Db: Sybase

1

Page:

Field: DUCHESNE COUNTY, UTAH

Map System: US State Plane Coordinate System 1983 Geo Datum: GRS 1980

Sys Datum: Mean Sea Level

Map Zone: Coordinate System:

Section (VS) Reference:

Survey Calculation Method:

Utah, Central Zone Site Centre

Geomagnetic Model: bggm2006

Site:

#14-22-46 DLB

SECTION 22-T4S-R6W

270' FSL & 1068' FWL

Site Position: From: Geographic

Position Uncertainty:

0.00 ft **Ground Level:** 7129.10 ft

Northing: Easting:

7210976.46 ft 1904812.63 ft

Latitude: Longitude:

40 6 43.640 N 110 33 16.710 W

North Reference: Grid Convergence: True 0.61 deg

Well:

#14-22-46 DLB

Well Position:

+N/-S +E/-W 0.00 ft Northing: 0.00 ft Easting:

7210976.46 ft 1904812.63 ft

Height 7144.10 ft

Slot Name: Latitude: Longitude:

6 43.640 N 110 33 16.710 W

Position Uncertainty: Wellpath: 1

Magnetic Data:

Field Strength:

Vertical Section:

Current Datum:

SITE

5/8/2007

0.00

52689 nT Depth From (TVD)

+N/-S ft 0.00

Drilled From: Tie-on Depth: Above System Datum:

fŧ

0.00

Tied-to:

Declination: Mag Dip Angle: +E/-W

Surface

0.00 ft Mean Sea Level 12.06 deg 65.88 deg

Direction deg

5/8/2007

66.77

Plan: Principal:

Plan #1

Yes

Date Composed: Version:

From Surface

Plan Section Information

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg	Target
0.00 1000.00 1860.43 5227.57 6518.21 9593.21	0.00 0.00 12.91 12.91 0.00 0.00	66.77 66.77 66.77 66.77 66.77	0.00 1000.00 1853.17 5135.24 6415.00 9490.00	0.00 0.00 38.06 334.69 391.78 391.78	0.00 0.00 88.68 779.80 912.81 912.81	0.00 0.00 1.50 0.00 1.00 0.00	0.00 0.00 1.50 0.00 -1.00 0.00	0.00 0.00 0.00 0.00 0.00 0.00	0.00 0.00 66.77 0.00 180.00	PBHL #14-22-46

Survey

MD ft	Incl deg	Azim deg	TVD ft	N/S ft	E/W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Comment
1000.00	0.00	66.77	1000.00	0.00	0.00	0.00	0.00	0.00	0.00	KOP
1100.00	1.50	66.77	1099.99	0.52	1.20	1.31	1.50	1.50	0.00	KOI
1200.00	3.00	66.77	1199.91	2.06	4.81	5.23	1.50	1.50	0.00	
1300.00	4.50	66.77	1299.69	4.64	10.82	11.77	1.50	1.50	0.00	
1400.00	6.00	66.77	1399.27	8.25	19.23	20.92	1.50	1.50	0.00	
1500.00	7.50	66.77	1498.57	12.89	30.03	32.68	1 50	4.50		
1600.00	9.00	66.77	1597.54	18.55	43.21	47.03	1.50	1.50	0.00	
1700.00	10.50	66.77	1696.09	25.23	58.78	_	1.50	1.50	0.00	
1800.00	12.00	66.77	1794.16	32.92	76.70	63.96	1.50	1.50	0.00	
1860.43	12.91	66.77	-			83.47	1.50	1.50	0.00	
1000.40	12.31	00.77	1853.17	38.06	88.68	96.50	1.50	1.50	0.00	HOLD
1900.00	12.91	66.77	1891.74	41.55	96.80	105.34	0.00	0.00	0.00	
2000.00	12.91	66.77	1989.22	50.36	117.33	127.68			0.00	
2100.00	12.91	66.77	2086.69	59.17	137.85	150.01	0.00	0.00	0.00	
2200.00	12.91	66.77	2184.16	67.98	158.38		0.00	0.00	0.00	
2300.00	12.91	66.77	2281.64	76.78		172.35	0.00	0.00	0.00	
		00.11	2201.04	10.10	178.90	194.68	0.00	0.00	0.00	



Company: BILL BARRETT CORP DUCHESNE COUNTY, UTAH

Site: #14-22-46 DLB Well: #14-22-46 DLB Wellpath:

Date: 5/9/2007

Time: 10:46:03

Page:

2

Co-ordinate(NE) Reference: Site: #14-22-46 DLB, True North Vertical (TVD) Reference: SITE 7144.1

Section (VS) Reference: Well (0.00N,0.00E,66.77Azi)

Survey Calculation Method: Minimum Curvature Db: Sybase

irvey										
MD ft	Incl deg	Azim deg	TVD ft	N/S ft	E/W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn	Comment
2400.00	12.91	66.77	2379.11	85.59	199.43	217.02	0.00			
2500.00	12.91	66.77	2476.58	94.40	219.95	239.36		0.00	0.00	
2600.00	12.91	66.77	2574.06	103.21			0.00	0.00	0.00	
2700.00	12.91	66.77	2671.53		240.48	261.69	0.00	0.00	0.00	
2800.00	12.91	66.77	2769.00	112.02	261.00	284.03	0.00	0.00	0.00	
2000.00	12.91	00.77	2709.00	120.83	281.53	306.36	0.00	0.00	0.00	
2900.00	12.91	66.77	2866.48	129.64	302.05	328.70	0.00	0.00	0.00	
3000.00	12.91	66.77	2963.95	138.45	322.58	351.04	0.00	0.00	0.00	
3100.00	12.91	66.77	3061.43	147.26	343.10	373.37	0.00	0.00		
3200.00	12.91	66.77	3158.90	156.07	363.63	395.71			0.00	
3300.00	12.91	66.77	3256.37	164.88	384.16	418.04	0.00 0.00	0.00 0.00	0.00 0.00	
3400.00	12.91	66.77	3353.85	173.69	40.4.00	440.00				
3500.00	12.91	66.77			404.68	440.38	0.00	0.00	0.00	
3600.00	12.91	66.77	3451.32	182.50	425.21	462.72	0.00	0.00	0.00	
3700.00			3548.79	191.31	445.73	485.05	0.00	0.00	0.00	
	12.91	66.77	3646.27	200.12	466.26	507.39	0.00	0.00	0.00	
3800.00	12.91	66.77	3743.74	208.93	486.78	529.72	0.00	0.00	0.00	
3837.20	12.91	66.77	3780.00	212.20	494.42	538.03	0.00	0.00		TOG 0
3900.00	12.91	66.77	3841.21	217.74	507.31	552.06		0.00	0.00	TGR 3
4000.00	12.91	66.77	3938.69	226.55	527.83		0.00	0.00	0.00	
4100.00	12.91	66.77	4036.16	235.36		574.40	0.00	0.00	0.00	
4200.00	12.91	66.77	4133.63		548.36	596.73	0.00	0.00	0.00	
	12.01	00.77	4133.03	244.17	568.88	619.07	0.00	0.00	0.00	
4300.00	12.91	66.77	4231.11	252.97	589.41	641.40	0.00	0.00	0.00	
4400.00	12.91	66.77	4328.58	261.78	609.93	663.74	0.00	0.00		
4500.00	12.91	66.77	4426.06	270.59	630.46	686.08			0.00	
4600.00	12.91	66.77	4523.53	279.40	650.98		0.00	0.00	0.00	
4632.29	12.91	66.77	4555.00	282.25	657.61	708.41 715.62	0.00 0.00	0.00 0.00	0.00 0.00	DOUGLAS CREEK
4700.00	12.91	66.77	4621.00	288.21	671.51	730.75	0.00	0.00	0.00	
4800.00	12.91	66.77	4718.48	297.02	692.04	753.08	0.00	0.00	0.00	
4900.00	12.91	66.77	4815.95	305.83	712.56	775.42			0.00	
5000.00	12.91	66.77	4913.42	314.64	733.09	797.76	0.00	0.00	0.00	
5100.00	12.91	66.77	5010.90	323.45	753.61	820.09	0.00 0.00	0.00 0.00	0.00 0.00	
5200.00	12.91	66.77	5108.37	332.26	77444	040.40	•			
5227.57	12.91	66.77	5106.37		774.14	842.43	0.00	0.00	0.00	
5300.00	12.18			334.69	779.80	848.59	0.00	0.00	0.00	DROP
5309.26	12.18	66.77	5205.94	340.89	794.25	864.32	1.00	-1.00	0.00	
5400.00		66.77	5215.00	341.66	796.04	866.26	1.00	-1.00	0.00	BLACK SHALE MARKE
J-100.00	11.18	66.77	5303.87	348.88	812.86	884.57	1.00	-1.00	0.00	WINDLE WARKE
500.00	10.18	66.77	5402.14	356.19	829.89	903.10	1.00	-1.00		
5589.15	9.29	66.77	5490.00	362.14	843.75	918.18		-1.00	0.00	0.4000 00 000
600.00	9.18	66.77	5500.71	362.82	845.35	919.92	1.00	-1.00	0.00	CASTLE PEAK
700.00	8.18	66.77	5599.57	368.78			1.00	-1.00	0.00	
800.00	7.18	66.77			859.22	935.01	1.00	-1.00	0.00	
		00.77	5698.67	374.05	871.50	948.38	1.00	-1.00	0.00	
900.00	6.18	66.77	5797.99	378.64	882.19	960.02	1.00	-1.00	0.00	
00.000	5.18	66.77	5897.49	382.54	891.29	969.92	1.00	-1.00	0.00	
100.00	4.18	66.77	5997.16	385.76	898.79	978.08	1.00	-1.00		
200.00	3.18	66.77	6096.95	388.30	904.69	984.50	1.00	1.00	0.00	
208.06	3.10	66.77	6105.00	388.47	905.10	984.94	1.00	-1.00 -1.00	0.00 0.00	WASATCH
300.00	2.18	66.77	6196.84	390.14	000 00	000.40				
400.00	1.18	66.77	6296.80		908.99	989.18	1.00	-1.00	0.00	
500.00	0.18			391.30	911.69	992.12	1.00	-1.00	0.00	
518.21		66.77	6396.79	391.77	912.79	993.31	1.00	-1.00	0.00	
	0.00	66.77	6415.00	391.78	912.81	993.34	1.00	-1.00		HOLD
600.00	0.00	66.77	6496.79	391.78	912.81	993.34	0.00	0.00	0.00	, IOLD
700.00	0.00	66.77	6596.79	391.78	912.81	993.34	0.00	0.00	0.00	
800.00	0.00	66.77	6696.79	391.78	912.81	993.34	0.00	0.00	0.00	
900.00	0.00	66.77								



Company: BILL BARRETT CORP Field: DUCHESNE COUNTY, UTAH

Site: #14-22-46 DLB Well: #14-22-46 DLB Wellpath:

Date: 5/9/2007

Time: 10:46:03

Page:

Co-ordinate(NE) Reference: Site: #14-22-46 DLB, True North Vertical (TVD) Reference:

SITE 7144.1 Well (0.00N,0.00E,66.77Azi)

Section (VS) Reference: Survey Calculation Method: Minimum Curvature

Db: Sybase

3

MD ft	Incl deg	Azim deg	TVD ft	N/S ft	E/W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn dea/100ff	Comment
7000.00	0.00	66.77	6896.79	391.78	912.81	993.34	0.00	0.00	0.00	
7100.00	0.00	66.77	6996.79	391.78	912.81	993.34	0.00	0.00	0.00	
7200.00	0.00	66.77	7096,79	391.78	912.81	993.34	0.00			
7300.00	0.00	66.77	7196.79	391.78	912.81	993.34	0.00	0.00	0.00	
7400.00	0.00	66.77	7296.79	391.78			0.00	0.00	0.00	
7500.00	0.00	66.77	7396.79	391.78	912.81	993.34	0.00	0.00	0.00	
7600.00	0.00	66.77	7496.79		912.81	993.34	0.00	0.00	0.00	
	0.00	00.77	7490.79	391.78	912.81	993.34	0.00	0.00	0.00	
7700.00	0.00	66.77	7596.79	391.78	912.81	993.34	0.00	0.00	0.00	
7800.00	0.00	66.77	7696.79	391.78	912.81	993.34	0.00	0.00		
7900.00	0.00	66.77	7796.79	391.78	912.81	993.34	0.00		0.00	
8000.00	0.00	66.77	7896.79	391.78	912.81	993.34		0.00	0.00	
8100.00	0.00	66.77	7996.79	391.78	912.81	993.34	0.00	0.00	0.00	
				001.70	312.01	993.34	0.00	0.00	0.00	
8118.21	0.00	66.77	8015.00	391.78	012.04	000.04				
8200.00	0.00	66.77	8096.79	391.78	912.81	993.34	0.00	0.00	0.00	NORTH HORN
8300.00	0.00	66.77	8196.79		912.81	993.34	0.00	0.00	0.00	
8400.00	0.00	66.77	8296.79	391.78	912.81	993.34	0.00	0.00	0.00	
8500.00	0.00	66.77		391.78	912.81	993.34	0.00	0.00	0.00	
00,00	0.00	00.77	8396.79	391.78	912.81	993.34	0.00	0.00	0.00	
8600.00	0.00	66.77	8496.79	391.78	912.81	993.34	0.00	0.00	0.00	
8700.00	0.00	66.77	8596.79	391.78	912.81	993.34	0.00	0.00	0.00	
8800.00	0.00	66.77	8696.79	391.78	912.81	993.34	0.00		0.00	
8900.00	0.00	66.77	8796.79	391.78	912.81	993.34		0.00	0.00	
9000.00	0.00	66.77	8896.79	391.78	912.81		0.00	0.00	0.00	
		00.77	0000.73	391.70	912.01	993.34	0.00	0.00	0.00	
9100.00	0.00	66.77	8996.79	391.78	912.81	993.34	0.00	0.00	0.05	
9200.00	0.00	66.77	9096.79	391.78	912.81	993.34	0.00	0.00	0.00	
9300.00	0.00	66.77	9196.79	391.78	912.81	993.34		0.00	0.00	
9400.00	0.00	66.77	9296.79	391.78	912.81	993.34	0.00	0.00	0.00	
9500.00	0.00	66.77	9396.79	391.78	912.81		0.00	0.00	0.00	
			5500.10	001.10	312.01	993.34	0.00	0.00	0.00	
9593.21	0.00	66.77	9490.00	391.78	912.81	993.34	0.00	0.00	0.00	PBHL #14-22-46

Annotation

MD ft	TVD ft	
1000.00	1000.00	KOP
1860.43	1853.17	HOLD
5227.57	5135.24	DROP
6518.21	6415.00	HOLD
9593.21	9490.00	PBHL

Targets

Name	Description Dip.	Dir.	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	< Latitude Deg Min Sec		Longitu Min S	ide> Sec
PBHL #14-22-46 -Circle (Radius -Plan hit target	: 200)		9490.00	391.78	912.81	7211377.871	905721.25	40 6 47.512	N 110	33 4.9	960 W



Bill Barrett Corporation E-bill 1099 18th Street - Suite 2300 Denver, Colorado 80202

Brundage Canyon General

Duchesne County, Utah United States of America

Cementing Recommendation

Prepared for: Dominic Spencer August 15, 2006 Version: 1

Submitted by: Pat Kundert Halliburton Energy Services 1125 17th Street - Suite 1900 Denver, Colorado 80202 +303.886.0839

HALLIBURTON

Proposal BRC Brundage Common Co

HALLIBURTON

Job Recommendation

9 5/8" Intermediate

Fluid Instructions Fluid 1: Water Spacer Gelled Water Ahead

Fluid Density:

8.33 lbm/gal

Fluid Volume: 20 bbl

Fluid 2: Primary Cement Premium Plus - Type III

94 lbm/sk Premium Plus - Type III (Cement-api)

0.2 % Versaset (Thixotropic Additive)
2 % Calcium Chloride (Accelerator)

2 % Calcium Chioride (Accelerator)
0.25 lbm/sk Flocele (Lost Circulation Additive)

Fluid Weight

14.50 lbm/gal

Slurry Yield: Total Mixing Fluid:

1.43 ft³/sk 6.89 Gal/sk

Top of Fluid:

0 ft

Calculated Fill: Volume:

750 ft 66.16 bbl

Calculated Sacks:

259.74 sks

Proposed Sacks:

260 sks



1 lbm/sk Granulite TR 1/4 (Lost Circulation Additive)

Job Recommendation

5 1/2" Production

830 sks

232.46 bbl

826.05 sks

Florid Land			
Fluid Instructions Fluid 1: Water Spacer KCL Water Preflush			
Fluid 2: Lead Cement – (3500 – 750') Halliburton Hi-Fill Modified	Fluid Density: Fluid Volume:	8.33 lbm/gal 10 bbl	
94 lbm/sk Type 5 Cement (Cement) 16 % Bentonite (Light Weight Additive) 0.75 % Econolite (Light Weight Additive) 7.5 lbm/sk Gilsonite (Lost Circulation Additive) 2 lbm/sk Granulite TR 1/4 (Lost Circulation Additive) 3 % Salt (Salt) 0.2 % HR-7 (Retarder)	Fluid Weight Slurry Yield: Total Mixing Fluid: Top of Fluid: Calculated Fill: Volume: Calculated Sacks: Proposed Sacks:	11 lbm/gal 3.81 ft ³ /sk 23 Gal/sk 750 ft 2750 ft 106.07 bbl 156.32 sks 160 sks	
Fluid 3: Tail Cement – (TD – 3500') Halliburton Light Premium Plus (Type 5) 3 % KCL (Clay Control) 1 % Econolite (Light Weight Additive) 0.5 % Halad(R)-322 (Low Fluid Loss Control) 0.6 % HR-5 (Retarder) 0.25 lbm/sk Flocele (Lost Circulation Additive) 1 lbm/sk Granulite TR 1/4 (Lost Circulation Additive)	Fluid Weight Slurry Yield: Total Mixing Fluid: Top of Fluid: Calculated Fill: Volume:	13.50 lbm/gal 1.58 ft ³ /sk 7.77 Gal/sk 3500 ft 6000 ft 232.46 bbl	

Calculated Sacks:

Proposed Sacks:

Well name:

Operator:

String type:

Bill Barrett Corporation

Surface

Location:

Collapse

Mud weight:

Duchesne County, UT

Minimum design factors:

Brundage / Lake Canyon General

Collapse:

Design factor

1.125

Environment:

H2S considered? Surface temperature:

Bottom hole temperature:

Temperature gradient:

Minimum section length:

79 °F 1.22 °F/100ft 750 ft

No

70.00 °F

Burst:

Design factor

1.10

1.80 (J)

1.80 (J)

Cement top:

Surface

Burst

Max anticipated surface

No backup mud specified.

Design parameters:

Design is based on evacuated pipe.

pressure: Internal gradient:

303 psi

8.60 ppg

Calculated BHP

0.22 psi/ft

468 psi

Tension:

Buttress:

Premium:

Body yield:

Tension is based on buoyed weight.

Neutral point:

8 Round STC: 8 Round LTC:

> 1.80 (J) 1.80 (J) 1.80 (B)

> > 655 ft

Non-directional string.

Re subsequent strings:

Next setting depth: Next mud weight:

Next setting BHP:

Fracture mud wt:

Fracture depth: Injection pressure 8,500 ft

9.700 ppg 4,283 psi

12.000 ppg 750 ft

468 psi

D	_	•							
Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	Trué Vert Depth	Measured Depth	Drift Diameter	Internal Capacity
1	750	9.625	36.00	J-55	ST&C	(ft) 750	(ft) 750	(in) 8.796	(ft³)
Run Seq	Collapse Load	Collapse Strength	Collapse Design	Burst Load	Burst Strength	Burst Design	Tension	Tension	53.4 Tension
1	(psi) 335	(psi) 2020	Factor 6.029	(psi) 468	(psi) 3520	Factor 7.53	Load (Kips) 24	Strength (Kips) 394	Design Factor 16.72 J

Prepared Dominic Spencer

by: Bill Barrett

Phone: (303) 312-8143 FAX: (303) 312-8195

Date: July 21,2006

Denver, Colorado

liapse is based on a vertical depth of 750 ft, a mud weight of 8.6 ppg. The casing is considered to be evacuated for collapse purposes. llapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension. st strength is not adjusted for tension.

marks:

Weli name: Operator:

Brundage / Lake Canyon General

Bill Barrett Corporation

String type:

Production

Location:

Duchesne County, UT

Design parameters:

Design is based on evacuated pipe.

Collapse

Mud weight:

9.70 ppg

Minimum design factors: Collapse:

Design factor

1.125

Environment:

H2S considered?

Surface temperature:

Bottom hole temperature:

Temperature gradient:

70.00 °F 186 °F 1.22 °F/100ft

No

Minimum section length:

1,500 ft

Burst:

Design factor

1.10

1.80 (J)

1.80 (J)

1.60 (J)

1.50 (J)

Cement top:

2,000 ft

<u>Burst</u>

Max anticipated surface pressure:

Internal gradient:

2,697 psi 0.22 psi/ft

Calculated BHP

No backup mud specified.

4,787 psi

Tension:

8 Round STC:

Buttress:

Premium:

8 Round LTC:

Body yield:

1.50 (B) Tension is based on buoyed weight.

Non-directional string.

Neutral point: 8,103 ft

Run Seq	Segment Length	Size	Nominal Weight	Grade	End	True Vert	Measured	Drift	lat
1	(ft) 9500	(in) 5.5	(lbs/ft) 17.00	N-80	Finish LT&C	Depth (ft) 9500	Depth (ft) 9500	Diameter (in)	Internal Capacity (ft³)
Run Seq	Collapse Load	Collapse Strength	Collapse Design	Burst Load	Burst	Burst	Tension	4.767 Tension	327.4 Tension
1	(psi) 4787	(psi) 6290	Factor 1.314	(psi) 4787	Strength (psi) 7740	Design Factor 1.62	Load (Kips) 138	Strength (Kips) 348	Design Factor 2.53 J

Prepared Dominic Spencer by: Bill Barrett

Phone: (303) 312-8143 FAX: (303) 312-8195

Date: August 11,2006 Denver, Colorado

Collapse is based on a vertical depth of 9500 ft, a mud weight of 9.7 ppg. The casing is considered to be evacuated for collapse purposes. Collepse strength is based on the Westcott, Dunlop & Kemler method of bladal correction for tension.

Burst strength is not adjusted for tension.

Performa Prope	ance '	Diameter,		Type		i-80 Per e, Burst, psi	erformance t, Tension Pipe Boo	e Propertie on, 1000 lbs ody Joint	Maximur	ım Collaps	J-55 Pe se Burst,	erformance i, <u>Tension,</u>			S. O. H.	N-80 P€	erformance	Propert	ies
Comparis			9.50	· Ob.	Annual Company of the		Yield			oth, psi	psi	Pipe Body		Set Denth.), Burst, psi	Pipe Body	1000 lbs ly Joint	N Se
		7,000	9.50 10.50	CHOIL		6380		138	6930	, 3940				100.	-			Strength	
			11.60	-1.011		6970	241	173	8780	0010	.000	102	101	5890	3900	2220			-
			11.00	Long	6350	7780		201	9610		4790	.00	132	7000	3900 4940	6380	221	143	
		5.500	14.00	Chart					2010	4960	5350	184	162	7760	4940 6350	6970	241	186	
		0,000	14.00 15.50	Short		6210	322	234	6440	2400		•	* -	*****	ხვეს	7780	267	223	
			-	Long	4990	7000	361	282	6440 8870	3120	4270	222	172	5550	2222				
			17.00	Long	6280	7740	397	202 320	8870	4040	4810	248	217	7180	3620 4900	6210	322	243	
		7.000	22.00				-	UEU	10470	4910	5320	273	247	7180 8060	4990	7000	361	306	
	•	7.000	20.00	Short	2740	5440	460	320	4070				em e s	OUUU	6280	7740	397	348	1
			23.00	Long	3830	6340	532	320 428	4870	2270	3740	316	234	4040				*	-
			26.00	Long	5410	7240	604	428 502	6810	3270	4360	366	313		2740	5440	460	331	
		8.625	21.00			•	· ·	30∠	9620	4320	4980	415	367			6340	532	442	
			24.00	Short	1430	4290	555	337					00,	/08U	5410	7240	604	519	;
			28.00	Long	2160	4930	636	337 478	2540	1370	2950	381	244	2440					
entrantament secundo prima a seria la beneria del la beneria del constitución de la const	· · · · · · · · · · · · · · · · · · ·		32.00	Long	3050	5710	732	478 574	3840	1880	3390	437	244 348			4290	555	346	٠ :
-80 Dimension	Action as an annual	HORSESSECTION STREET	- Mariantania de la compansión de la compa	Challenger and Challenger and	AND DESCRIPTION OF THE PERSON	and the same of th		9/4	5420	2530	3930	503	417			4930	636	493	;
וטופוופווטוטוע מיייייי	IS , 0		Weight	Thread		Dim	ensions, in	inah	Lib Tradition in the security				, T1:	40UU ,	3050	5710	732	591	
Torques an	nd Dia	iameter,	T & C,	Туре	Wall	Inside	Drift (Counting	AND THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS		ce-Up Torc	que	Hydro-		AND DESCRIPTION OF THE PARTY OF	18200 1000 1000 1000 1000 1000 1000 1000	afronis Ministration (1)	Assertation of the same	walk in
Hydro-Te:		inch It	lb per ft	7	Thickness Di	Diameter		Coupling In Outside			ft x lbs		Ť						
Pressure						************		Outside Diameter	Loss C	Optimum /	Minimum /	Maximum Pro	rassure.						
* * * * * * * * * *		1.500		And the Control of th	***************************************	-	Annual Control of the	Janelei	· · · · · · · · · · · · · · · · · · ·		*		psi	1.	API Rulle	-tin ECQ	~		
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					0.224 4				2.000	1380	1040	1730 5	5800	000	ited proper	94 Was his	sed to deter	rmine the	ė
		7	11.60							1790	1340		6400		and brohell	4 HG2.			
	E	F00				,,,,,	0.070	5.000 ;	3.000	2190	1640		7100	2.)	the vertic	al set de	pth was co	mouted	
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	7.0		20.00 s	Short 0	0.272 6.	6.456 e	~ ~~					4100 ,	100	3. P	Products /	oro ovoile			
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	8.62		24.00 SI	Short 0.	0.264 8.0	3.097 7					<i>"</i> • • • • • • • • • • • • • • • • • • •	0200 UU	600	4. At	s a servic	.e, IPSCC	O offers cas	sing	
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antique and a second se				. •					4.500 4				900 500				•		
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The information and data contained herein are accurate to our knowledge, based upon standard industry calculations. Buyers are encouraged to make their own evaluations of the above derived performance properties for their particular use. The specific warranty applicable to these goods is as contained in IPSCO's Order Acknowledgment, Conditions of Sale.



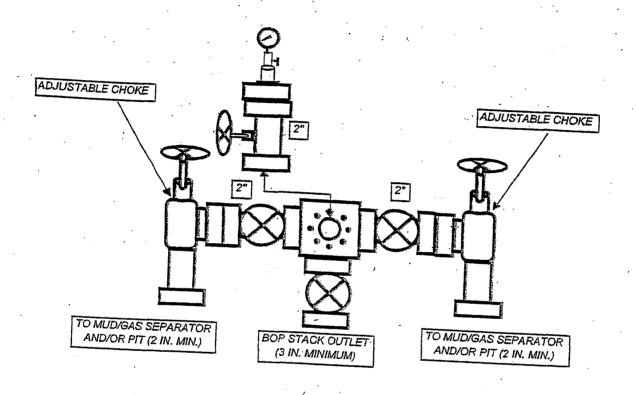
P.O. Box 18 Camanche, Iowa 52730 Phone: (563) 242-0000 Toll Free: 1-800-950-4772

400 505-3rd Street SW Calgary, Alberta T2P 3E6 Phone: (403) 543-8000 Toll Free: 1-877-780-7560

P.O. Box 1670 Regina, Saskatchewan S4P 3C7 Phone: (306) 924-7700

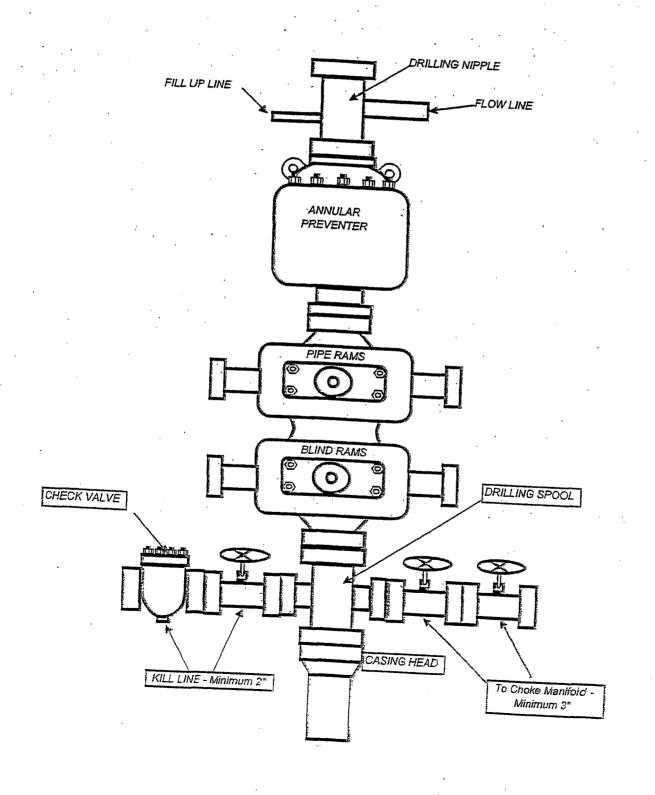
BILL BARRETT CORPORATION

TYPICAL 3,000 p.s.i. CHOKE MANIFOLD



BILL BARRETT CORPORATION

TYPICAL 3,000 p.s.i. BLOWOUT PREVENTER



Surface Use Plan for Bill Barrett Corporation's Development Program Lake Canyon Area Duchesne County, Utah

1. Existing Roads:

The Lake Canyon area is located approximately 12 miles southwest of Duchesne, Utah and extends from Township 3 South, Range 10 West to Township 5 South, Range 6 West. The specific location of a particular well pad will be shown on maps and described in the site specific APD.

The use of Skitzy Road is necessary to access the area. Improvements to Skitzy Road and other existing access roads will be noted in the site specific APD's.

2. Planned Access Roads:

Descriptions of new access road(s) will be included in the site specific APD.

Surface disturbance and vehicular traffic will be limited to the approved location and approved access route. Any additional area needed will be approved in advanced with the UDWR

3. <u>Location of Tank Batteries, Production Facilities, and Production Gathering</u> <u>And Service Lines:</u>

The following guidelines will apply if the well is productive:

All permanent (on site for six months or longer) structures constructed or installed will conform to DOGM standards. All facilities will be painted within six months of installation.

A containment dike will be constructed completely around production facilities which contain fluids (i.e., production tanks, produced water tanks). This dike will be constructed of compacted subsoil, be impervious, and hold a minimum of 110% of the capacity of the largest tank. Topsoil will not be used for the construction of dike(s).

A description of the proposed pipeline and a map illustrating the proposed route will be submitted with the well site specific APD.

4. <u>Location and Type of Water Supply</u>

The Duchesne City Culinary Water Dock located in section 1, T4S-R5W will be used for water supply for drilling and completion operations. Additional water supply sources will be addressed in the site specific APD, indicating the location and type of water supply.

5. Source of Construction Materials:

All construction materials for this location site and access road shall be borrowed (local) material accumulated during construction of the location site and access road. No construction materials will be removed from UDWR lands. If any gravel is used, it will be obtained from an approved gravel pit.

6. <u>Methods of Handling Waste Materials:</u>

Drill cuttings will be contained and buried in the reserve pit.

Drilling fluids, including any salts and chemicals, will be contained in the reserve pit. Upon termination of drilling and completion operations, the liquid contents of the reserve pit will be used at the next drill site or will be removed and disposed of at an approved waste disposal facility within 180 days after drilling is terminated. Immediately upon well completion, any hydrocarbons in the pit shall be removed.

Unless otherwise specified in the site specific APD, the reserve pit will be constructed on the location and will not be located within natural drainages, where a flood hazard exists or surface runoff will destroy or damage the pit walls. The reserve pit will be constructed so that it will not allow discharge of liquids.

If it is determined, at the onsite, that a pit liner is necessary, the reserve pit will be lined with a synthetic reinforced liner a minimum of 12-millimeters thick. The liner will overlay a felt-liner pad if rock that might tear or puncture the liner is encountered during excavation. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. Trash, scrap pipe, etc. that could puncture the liner will not be disposed of in the pit. Pit walls will be sloped no greater than 2:1. A minimum 2-foot freeboard will be maintained in the pit at all times during the drilling and completion operations. The pit liner will be protected during drilling and completion operations.

Production fluids will be contained in leak-proof tanks. All production fluids will be sold, recycled, or disposed of at approved disposal sites.

Any spills of oil, gas, salt water, or other noxious fluids will be immediately cleaned up and removed to an approved disposal site.

A chemical self-contained sanitary-toilet will be onsite during drilling and completions.

Garbage, trash, and other waste materials will be collected in a portable, self-contained, fully enclosed trash cage during operations. Trash will not be burned on location.

All debris and other waste materials not contained in the trash cage will be cleaned up and removed from the location immediately after removal of the drilling rig.

Any open pits will be fenced during the operations. The reserve pit fencing will be on three sides before drilling operations start. The fourth side will be fenced as soon as drilling is completed and the rig is removed. The fencing will be maintained until such time as the pits are backfilled.

7. Ancillary Facilities:

Garbage containers and portable toilets are the only ancillary facilities proposed. No additional ancillary facilities are foreseen in the future.

8. Wellsite Layout:

A location layout diagram describing drill pad cross-sections, cuts and fills, and locations of mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s), and the surface materials stockpile(s) will be included with the site specific APD and developed through a consultant.

9. Plans for Restoration of the Surface:

The dirt contractor will be provided with an approved copy of the surface use plan and these Standard Operating Procedures prior to commencing construction activities.

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, materials, trash, and debris not required for production. All reclamation standards will be developed between Bill Barrett Corporation (BBC) and UDWR. Abandoned well sites, roads, and other disturbed areas will be restored as near as practical to their original condition. Where applicable, these conditions may include the re-establishment of irrigation systems, the re-establishment of appropriate soil conditions, and the re-establishment of vegetation as specified.

All disturbed areas will be re-contoured to the approximate natural contours.

Any drainage rerouted during the construction activities shall be restored as near

as possible to its original line of flow.

Prior to backfilling the reserve pit, the fence surrounding the reserve pit will be removed. The pit liner will be cut off at the water or mud line and disposed of at an approved landfill site. The remaining liner will be torn and perforated after the pit dries and prior to backfilling the reserve pit.

Before any dirt work associated with reserve pit restoration takes place, the reserve pit shall be as dry as possible. All debris in it will be removed. Other waste and spoil materials will be disposed of immediately upon completion of operations. The reserve pit will be reclaimed within 180 days from the date of well completion, weather permitting, unless it is determined that this location will be utilized to drill additional wells within 1 year of completing operations.

After the reserve pit has been reclaimed, diversion ditches and water bars will be used to divert precipitation runon/runoff as appropriate.

Prior to the construction of the location, the top 6 inches or maximum available topsoil material will be stripped and stockpiled. Placement of the topsoil will be noted on the location plat attached to the site specific APD. Topsoil shall be stockpiled separately from subsoil materials. Topsoil salvaged from the reserve pit shall be stockpiled separately near the reserve pit. When all drilling and completion activities have been completed, the unused portion of the location (area outside the deadmen) will be recontoured and the stockpiled topsoil spread over the area.

If topsoil must be stored for more than one year:

It shall be windrowed on the uphill side of the location to prevent any possible contamination. All topsoil will be stockpiled for reclamation in such a way as to prevent soil loss and contamination.

It shall be broadcast seeded with the prescribed seed mixture immediately after windrowing. Seed will be drilled on the contour to an appropriate depth and the stockpile then "walked" with a dozer to cover the seed and roughen the soil to prevent erosion.

Mulching may be considered to enhance the re-establishment of desired native plant communities. If straw or hay mulch is used, the straw and hay must be certified to be weed-free and the documentation submitted prior to usage.

When restoration activities have been completed, the location site and new access road cuts and shoulders shall be reseeded. Prior to reseeding, all disturbed areas, including the old access road will be scarified and left with a rough surface.

UDWR shall be contacted for the required seed mixture. Seed will be drilled on

the contour to an appropriate depth. If broadcast seeded, the amount of seed mixture per acre will be doubled, and a harrow or some other implement will be dragged over the seeded area to assure coverage of the seeds.

At final abandonment, BBC will follow UT-DOGM standards for final well abandonment.

10. Other Information:

The operator is fully responsible for the actions of its subcontractors. A copy of these conditions will be furnished to the BBC field representative to ensure compliance.

The operator will control noxious weeds along applied access road authorizations, pipeline route authorizations, well sites or other applicable facilities

Wells drilled during the fire season (June – October) all appropriate precautions shall be instituted to ensure that fire hazard is minimized, including, but not limited to, controlling vegetation and keeping fire fighting equipment readily available during all drilling and completion operations.

Drilling rigs and/or equipment used during drilling operations on locations will not be stacked or stored on UDWR administered lands after the conclusion of drilling operations or at any other time without permission by the UDWR. If UDWR permission is obtained, such storage will only be temporary measure.

Travel will be restricted to approved travel routes.

11. <u>CERTIFICATION</u>

Reed Haddock Bill Barrett Corporation 1099 18th Street, Suite 2300 Denver, CO 80202

Phone: 303-312-8546 Fax: 303-291-0420

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with operations proposed herein will be performed by Bill Barrett Corporation and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

DATE: February 27, 2007

Reed Haddock Permit Analyst

12. <u>Bill Barrett Corporation and UDWR Contacts:</u>

BBC Representatives:

Reed Haddock, Regulatory and Permitting; Phone: (303) 312-8546 Scot Donato, Environmental Health and Safety; Phone: (303) 312-8191 Monty Shed, Field Operations; Phone: (307) 262-1511

UDWR Representatives:

Ben Williams, UDWR, Wildlife Resources; Phone: (435) 781-5357 Bill James, UDWR, Wildlife Resources, Manager; Phone: (801) 538-4745

BILL BARRETT CORPORATION

#14-22-46 DLB

LOCATED IN DUCHESNE COUNTY, UTAH SECTION 22, T4S, R6W, U.S.B.&M.



PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHEASTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: NORTHWESTERLY

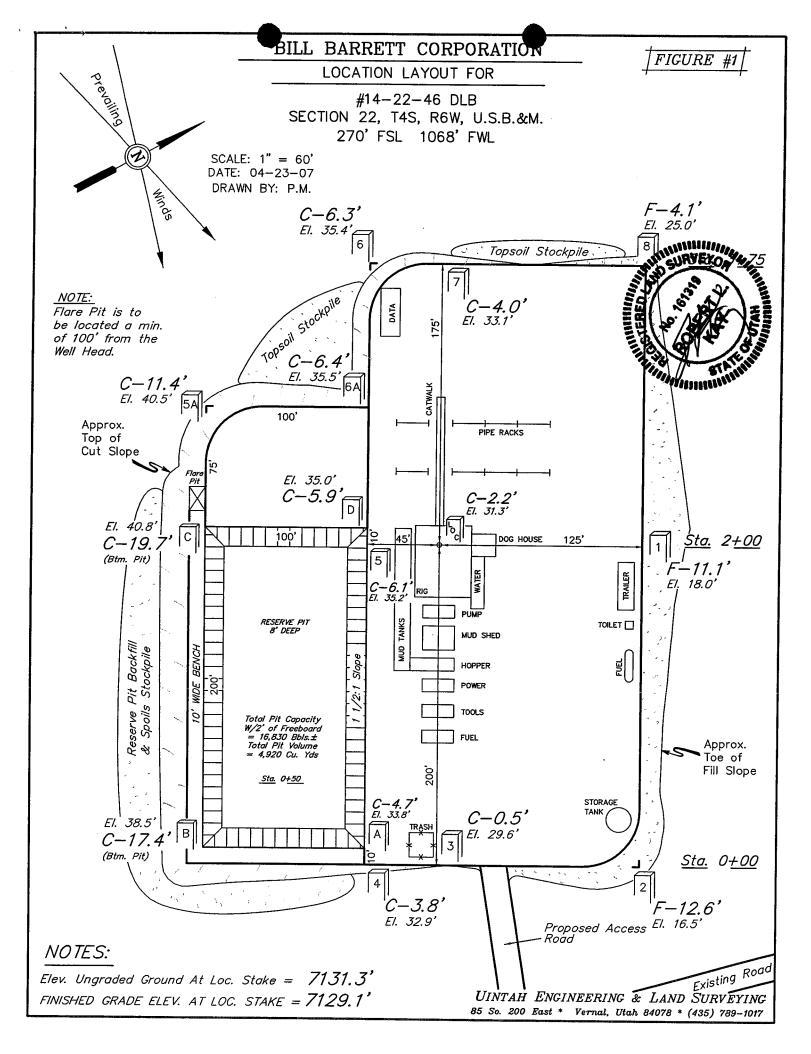


Uintah Engineering & Land Surveying S South 200 East Vernal, Utah 84078 435-789-1017 uels@uelsinc.com

TOPOGRAPHIC MAP

TAKEN BY: D.S. | DRAWN BY: C.P. | REVISED: 00-00-00

РНОТО



X-Section Scale 1" = 100'

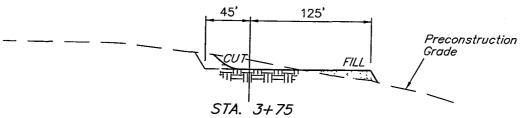
DATE: 04-23-07 DRAWN BY: P.M.

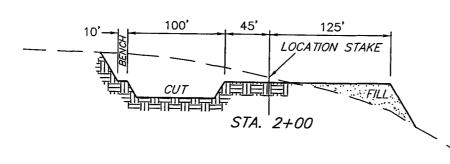
BILL BARRETT CORPORATION

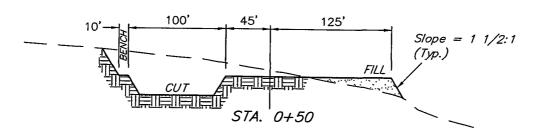
TYPICAL CROSS SECTIONS FOR

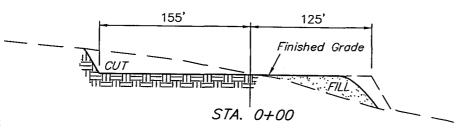
#14-22-46 DLB SECTION 22, T4S, R6W, U.S.B.&M. 270' FSL 1068' FWL











NOTE:

Topsoil should not be Stripped Below Finished Grade on Substructure Area.

* NOTE: FILL QUANTITY INCLUDES 5% FOR COMPACTION

APPROXIMATE YARDAGES

CUT

(12") Topsoil Stripping = 4,280 Cu. Yds. Remaining Location = 17,690 Cu. Yds.

TOTAL CUT = 21,970 CU.YDS.

FILL = 8,790 CU.YDS.

5% FOR COMPACTION

EXCESS MATERIAL

= 13,180 Cu. Yds.

Topsoil & Pit Backfill

= 6,740 Cu. Yds.

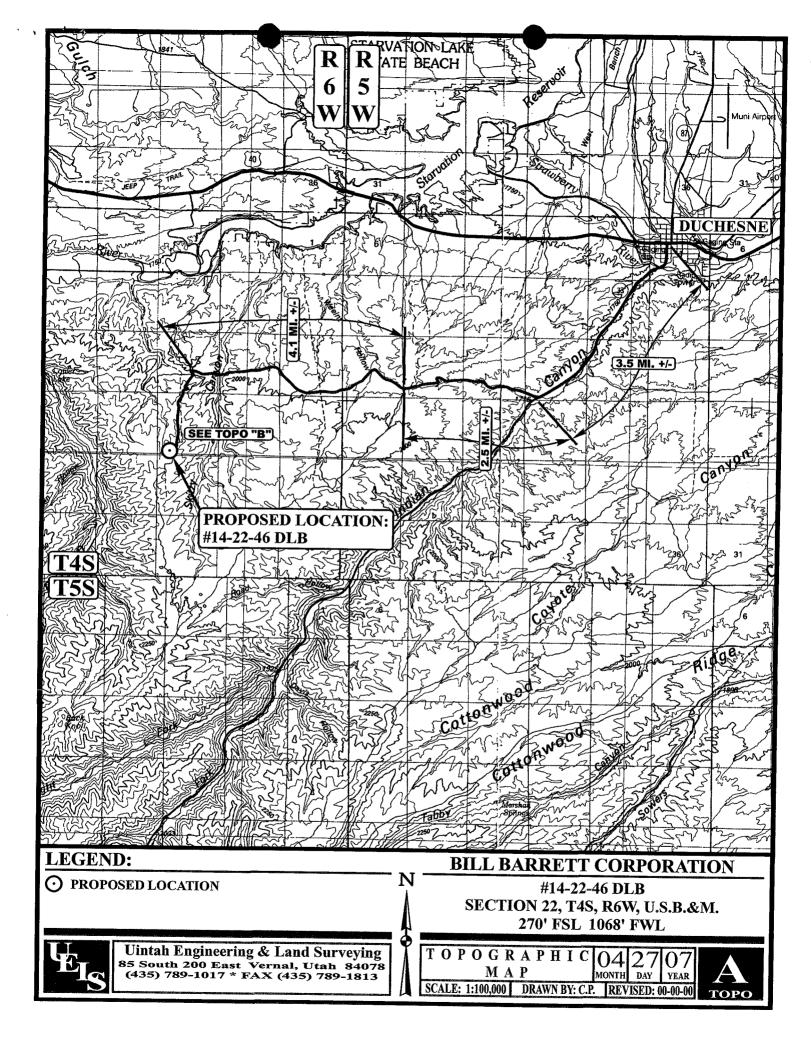
(1/2 Pit Vol.)

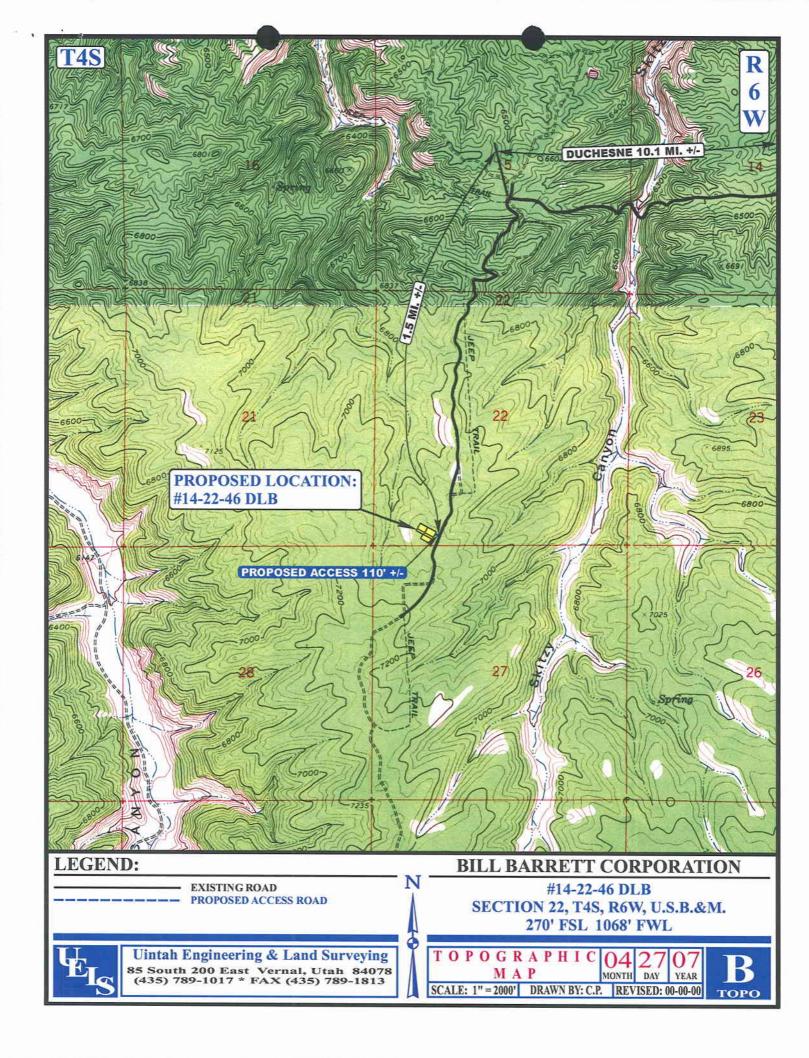
EXCESS UNBALANCE

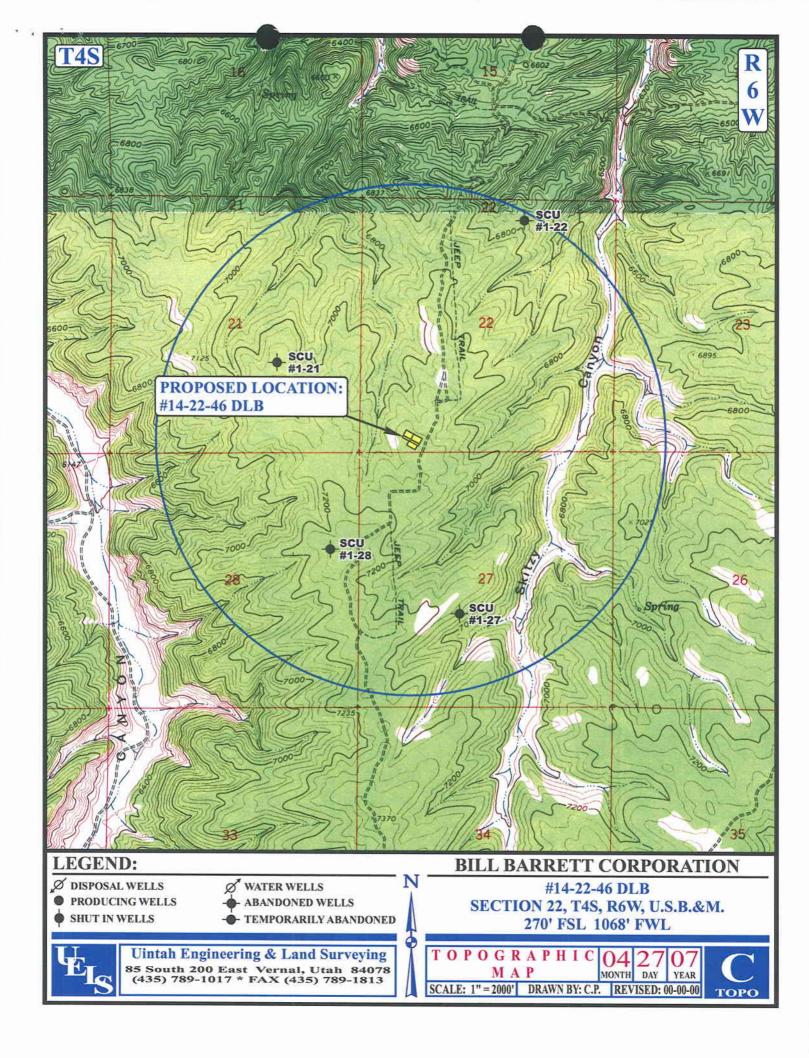
= 6,440 Cu. Yds.

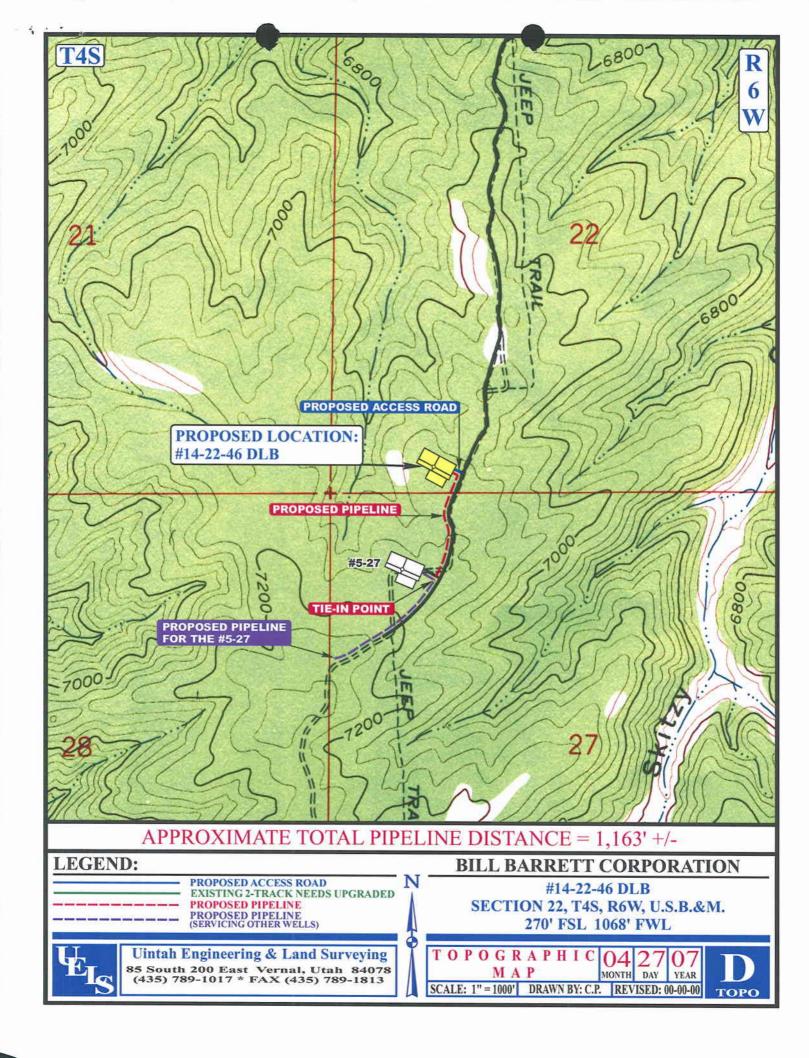
(After Interim Rehabilitation)

UINTAH ENGINEERING & LAND SURVEYING 85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

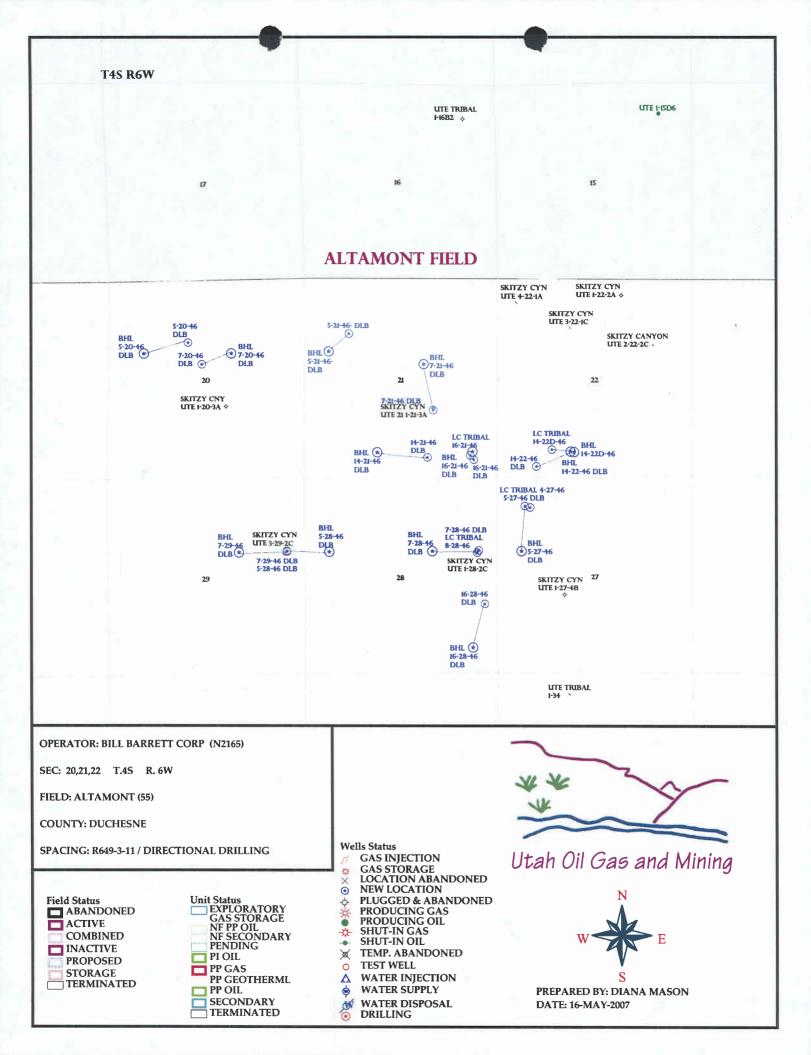








APD RECEIVED: 05/15/2007	API NO. ASSIGNED: 43-013-33660							
WELL NAME: 14-22-46 DLB OPERATOR: BILL BARRETT CORP (N2165) CONTACT: REED HADDOCK	PHONE NUMBER: 303-312-8546							
PROPOSED LOCATION:	INSPECT LOCATN BY: / /							
SWSW 22 040S 060W	Tech Review Initials Date							
SURFACE: 0270 FSL 1068 FWL BOTTOM: 0660 FSL 1980 FWL	Engineering							
COUNTY: DUCHESNE	Geology							
LATITUDE: 40.11212 LONGITUDE: -110.5540 UTM SURF EASTINGS: 538006 NORTHINGS: 44400	Surface							
FIELD NAME: ALTAMONT (55 LEASE TYPE: 2 - Indian LEASE NUMBER: 14-20-H62-5500 SURFACE OWNER: 2 - Indian	PROPOSED FORMATION: NHORN COALBED METHANE WELL? NO							
Plat Bond: Fed[] Ind[2] Sta[] Fee[] (No. WYB000040) Potash (Y/N) N Oil Shale 190-5 (B) or 190-3 or 190-13 Water Permit (No. MUNICIPAL) RDCC Review (Y/N) (Date:) NM Fee Surf Agreement (Y/N) NUM Intent to Commingle (Y/N)	LOCATION AND SITING: R649-2-3. Unit: R649-3-2. General							
STIPULATIONS: 1- de dupe appre	ouq P							





State of Utah

Department of **Natural Resources**

MICHAEL R. STYLER Executive Director

Division of Oil, Gas & Mining

JOHN R. BAZA Division Director JON M. HUNTSMAN, JR. Governor

> GARY R. HERBERT Lieutenant Governor

> > May 16, 2007

Bill Barrett Corporation 1099 18th St., Suite 2300 Denver, CO 80202

Re:

14-22-46 DLB Well, Surface Location 270' FSL, 1068' FWL, SW SW, Sec. 22, T. 4 South, R. 6 West, Bottom Location 660' FSL, 1980' FWL, SE SW, Sec. 22, T. 4 South, R. 6 West, Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-33660.

Sincerely,

Gil Hunt

Associate Director

pab Enclosures

cc:

Duchesne County Assessor

Bureau of Land Management, Vernal Office

Operator:	Bill Barr	ett Corporation			
Well Name & Number	14-22-40	5 DLB			
API Number:	43-013-3	33660			
Lease:	14-20-H62-5500				
Surface Location: SW SW	Sec. 22	T. 4 South	R. 6 West		
Bottom Location: <u>SE SW</u>	Sec. 22_	T. 4 South	R. <u>6 West</u>		
	Conditions of A	pproval			

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

Contact Carol Daniels at (801) 538-5284

Notify the Division prior to commencing operations to plug and abandon the well.

• Contact Dustin Doucet at (801) 538-5281

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

- 4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.
- 5. In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.
- 6. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

		Expires March 5. Lease Serial No.	<u> </u>
INTERIOR NAGEMENT		BIA 14-20-H62-550)0
		If Indian, Allotee or T. UTE INDIAN TRI	
ER		•	nt, Name and No.
Zigirata zara Distribi	1	8. Lease Name and Well 1	No.
· •		9. API Well No.	
	60		pratory
(303) 312-8546	'	Altamont	
ny State requirements.*)	·	1. Sec., T. R. M. or Blk. an Section 22-T4S-R6	·
		12. County or Parish	13. State
	<u>,</u>	Duchesne	UT
16. No. of acres in lease N/A	17. Spacing t	Jnit dedicated to this well	
19. Proposed Depth 9593'			0
22. Approximate date work will sta 07/01/2007	rt* 2	3. Estimated duration 45 days	
24. Attachments			
ore Oil and Gas Order No.1, shall be a	ttached to this	form:	
	he operations	unless covered by an exis-	ting bond on file (see
6. Such other site	specific inform	nation and/or plans as may	be required by the
Name (Printed Typed) Reed Haddock		Date	e 05/14/2007
Name (Printed Typed)	1.11.771	Dat	e
	AGEMENT DRILL OR REENTER Single Zone Multip 43 - 013 3 16 3b. Phone No. (include area code) (303) 312-8546 my State requirements.*) 16. No. of acres in lease N/A 19. Proposed Depth 9593' 22. Approximate date work will sta 07/01/2007 24. Attachments ore Oil and Gas Order No.1, shall be a 1	AGEMENT DRILL OR REENTER Single Zone	AGEMENT DRILL OR REENTER 6. If Indian, Allotee or T UTE INDIAN TRI 7. If Unit or CA Agreemer N/A 8. Lease Name and Well # 14-22-46 DLB 9. API Well No. Pending 10. Field and Pool, or Explo Altamont 11. Sec., T. R. M. or Blk. an Section 22-T4S-R6 12. County or Parish Duchesne 16. No. of acres in lease N/A 19. Proposed Depth 9593' Nationwide Bond #WYB00004 22. Approximate date work will start* 07/01/2007 24. Attachments ore Oil and Gas Order No.1, shall be attached to this form: 4. Bond to cover the operations unless covered by an exis Item 20 above). 5. Operator certification 6. Such other site specific information and/or plans as may authorized officer. Name (Printed Typed) Reed Haddock Name (Printed Typed) Reed Haddock

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. Conditions of approval, if any, are attached

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on page 2)



RECEIVED JUL 3 1 2007



UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

VERNAL FIELD OFFICE **VERNAL, UT 84078**

(435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: **Bill Barrett Corporation** Location:

SWSW, Sec 22, T4S, R6W (Surface) SESW, Sec 22, T4S, R6W (Bottom)

14-20-H62-5500 Well No: Ute Tribal 14-22-46 DLB Lease No:

Agreement: EDA 43-013-33660 API No:

170 South 500 East

Title	Name	Office Phone Number	Cell Phone Number
Petroleum Engineer:	Matt Baker	(435) 781-4490	(435) 828-4470
Petroleum Engineer:	Michael Lee	(435) 781-4432	(435) 828-7875
Petroleum Engineer:	James Ashley	(435) 781-4470	(435) 828-7874
Petroleum Engineer:	Ryan Angus	(435) 781-4430	(435) 828-7368
Supervisory Petroleum Technician:	Jamie Sparger	(435) 781-4502	(435) 828-3913
NRS/Enviro Scientist:	Paul Buhler	(435) 781-4475	(435) 828-4029
NRS/Enviro Scientist:	Karl Wright	(435) 781-4484	
NRS/Enviro Scientist:	Holly Villa	(435) 781-4404	
NRS/Enviro Scientist:	Chuck MacDonald	(435) 781-4441	(435) 828-7481
NRS/Enviro Scientist:	Jannice Cutler	(435) 781-3400	
NRS/Enviro Scientist:	Michael Cutler	(435) 781-3401	
NRS/Enviro Scientist:	Anna Figueroa	(435) 781-3407	
NRS/Enviro Scientist:	Verlyn Pindell	(435) 781-3402	
NRS/Enviro Scientist:	Darren Williams	(435) 781-4447	
NRS/Enviro Scientist:	Nathan Packer	(435) 781-3405	
		Fax: (435) 781-4410	

A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) vears, may be applied for by sundry notice prior to expiration.

NOTIFICATION REQUIREMENTS

Construction Activity	-	The Ute Tribe Energy & Minerals Dept. shall be notified in writing 48 hours in advance of any construction activity. The Ute Tribal office is open Monday through Thursday.
Construction Completion	-	Upon completion of the pertinent APD/ROW construction, notify the Ute Tribe Energy & Minerals Dept. for a Tribal Technician to verify the Affidavit of Completion.
Spud Notice	-	Twenty-Four (24) hours prior to spudding the well.
(Notify Petroleum Engineer)		
Casing String & Cementing	-	Twenty-Four (24) hours prior to running casing and cementing
(Notify Supv. Petroleum Tech.)		all casing strings.
BOP & Related Equipment Tests	-	Twenty-Four (24) hours prior to initiating pressure tests.
(Notify Supv. Petroleum Tech.)		
First Production Notice	-	Within Five (5) business days after new well begins or
(Notify Petroleum Engineer)		production resumes after well has been off production for more
		than ninety (90) days.

COAs: Page 2 of 8 Well: 14-22-46-DLB

SURFACE USE PROGRAM CONDITIONS OF APPROVAL (COAs)

SURFACE COAs:

- A 225.86' by 30' foot corridor right-of-way shall be approved. Upon completion of each pipeline in corridor, they shall be identified and filed with the Ute Tribe.
- A qualified Archaeologist accompanied by a Tribal Technician will monitor trenching construction of pipeline.
- The Ute Tribe Energy & Minerals Department is to be notified, in writing 48 hours prior to construction of pipeline.
- Construction Notice shall be given to the department on the Ute Tribe workdays, which are Monday through Thursday. The Company understands that they may be responsible for costs incurred by the Ute Tribe after hours.
- The Company shall inform contractors to maintain construction of pipelines within the approved ROW's.
- The Company shall assure the Ute Tribe that "ALL CONTRACTORS, INCLUDING SUB-CONTRACTORS, LEASING CONTRACTORS, AND ETC." have acquired a current and valid Ute Tribal Business License and have "Access Permits" prior to construction, and will have these permits in all vehicles at all times.
- You are hereby notified that working under the "umbrella" of a company does not allow you to be in the field, and can be subject to those fines of the Ute Tribe Severance Tax Ordinance.
- Any deviation of submitted APD's and ROW applications the Companies will notify the Ute Tribe and BIA in writing and will receive written authorization of any such change with appropriate authorization.
- The Company will implement "Safety and Emergency Plan." The Company's safety director will ensure its compliance.
- All Company employees and/or authorized personnel (sub-contractors) in the field will have approved applicable APD's and/or ROW permits/authorizations on their person(s) during all phases of construction.
- All vehicular traffic, personnel movement, construction/restoration operations shall be confined to the area examined and approved, and to the existing roadways and/or evaluated access routes.
- All personnel shall refrain from collecting artifacts, any paleontological fossils, and from disturbing any significant cultural resources in the area.

COAs: Page 3 of 8 Well: 14-22-46-DLB

• The personnel from the Ute Tribe Energy & Minerals Department shall be notified should cultural remains from subsurface deposits be exposed or identified during construction. All construction will cease.

- All mitigative stipulations contained in the Bureau of Indian Affairs Site Specific Environmental Assessment (EA) will be strictly adhered.
- Upon completion of Application for Corridor Right-Way, the company will notify the Ute Tribe Energy & Minerals Department, so that a Tribal Technician can verify Affidavit of Completion.

Additional Conditions of Approval

- Paint tanks Olive Black.
- Stockpile trees removed for pad construction between pad corners 2 and 8.

COAs: Page 4 of 8 Well: 14-22-46-DLB

DOWNHOLE CONDITIONS OF APPROVAL

SITE SPECIFIC DOWNHOLE COAs:

- Use 1" tubing to cement top 100 feet of surface casing with class G neat cement (1.18 cubic feet per sack).
- The top of the production casing cement shall extend a minimum of 200 feet above the 9 5/8 inch surface casing shoe.
- All casing strings below the conductor shall be pressure tested to 0.22 psi/ft or 1500 psi, whichever is greater, but not to exceed 70% of the internal yield strength of the casing.

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- Cement baskets shall not be run on surface casing.
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.

COAs: Page 5 of 8 Well: 14-22-46-DLB

• The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.

- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- Chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the <u>top of cement</u> and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

COAs: Page 6 of 8 Well: 14-22-46-DLB

OPERATING REQUIREMENT REMINDERS:

• All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.

- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - Operator name, address, and telephone number.
 - Well name and number.
 - o Well location (¼¼, Sec., Twn, Rng, and P.M.).
 - O Date well was placed in a producing status (date of first production for which royalty will be paid).
 - O The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - O The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - O Unit agreement and/or participating area name and number, if applicable.
 - o Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the

COAs: Page 7 of 8 Well: 14-22-46-DLB

well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office
 Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future
 meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal
 Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and
 the AGA standards for natural gas measurement. All measurement points shall be identified as the point
 of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover
 equipment shall be removed from a well to be placed in a suspended status without prior approval of the
 BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the
 BLM Vernal Field Office shall be obtained and notification given before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.

COAs: Page 8 of 8 Well: 14-22-46-DLB

Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

SIAIE OF UIAH	FORM 9
DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING	5. LEASE DESIGNATION AND SERIAL NUMBER: BIA 14-20-H62-5500
SUNDRY NOTICES AND REPORTS ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE INDIAN TRIBE
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL OIL WELL GAS WELL 🗸 OTHER	8. WELL NAME and NUMBER: # 14-22-46 DLB
2. NAME OF OPERATOR: BILL BARRETT CORPORATION	9. API NUMBER: 4301333660
3. ADDRESS OF OPERATOR: 1099 18TH Street, Ste 2300 CITY DENVER STATE CO ZIP 80202 PHONE NUMBER: (303) 312-8546	10. FIELD AND POOL, OR WILDCAT: ALTAMONT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 270' FSL x 1068' FWL	county: DUCHESNE
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSW 22 T4S R6W	STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPO	RT, OR OTHER DATA
TYPE OF SUBMISSION TYPE OF ACTION	
✓ NOTICE OF INTENT ACIDIZE DEEPEN	REPERFORATE CURRENT FORMATION
(Submit in Duplicate) ALTER CASING FRACTURE TREAT	SIDETRACK TO REPAIR WELL
Approximate date work will start: CASING REPAIR NEW CONSTRUCTION	TEMPORARILY ABANDON
CHANGE TO PREVIOUS PLANS OPERATOR CHANGE	TUBING REPAIR
CHANGE TUBING PLUG AND ABANDON	VENT OR FLARE
SUBSEQUENT REPORT CHANGE WELL NAME PLUG BACK	WATER DISPOSAL
(Submit Original Form Only) CHANGE WELL STATUS PRODUCTION (START/RESUME)	WATER SHUT-OFF
Date of work completion: COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE	OTHER: APD EXTENSION
CONVERT WELL TYPE RECOMPLETE - DIFFERENT FORMATION	E OHER ME EXTENSION
DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volume BILL BARRETT CORPORATION (BBC) REQUESTS A ONE-YEAR EXTENSION ON THE A ORIGINAL APD WAS APPROVED ON MAY 16, 2007 AND EXPIRES MAY 16, 2008. Approved by the Utah Division of Oil, Gas and Mining Date: OS-OG By:	
NAME (PLEASE PRINT) REED HADDOCK TITLE PERMIT ANALYS	ST
SIGNATURE LOCA HADDOCK DATE 5/1/2008	

(This space for State use only)

RECEIVED MAY 0 6 2008

Application for Permit to Drill Request for Permit Extension Validation

(this form should accompany the Sundry Notice requesting permit extension)

API:

4301333660

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.
Following is a checklist of some items related to the application, which should be verified.
If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes⊡No☑
Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes□No☑
Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes□No☑
Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes \square No \square
Has the approved source of water for drilling changed? Yes□No☑
Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes□No☑
Is bonding still in place, which covers this proposed well? Yes ☑No□ Signature Signature Date
Title: PERMIT ANALYST
Representing: BILL BARRETT CORPORATION RECEIVED

MAY 0 6 2008

STATE OF UTAH	FORINI 9
DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING	5. LEASE DESIGNATION AND SERIAL NUMBER: BIA 14-20-H62-5500
SUNDRY NOTICES AND REPORTS ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE INDIAN TRIBE
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	7. UNIT OF CA AGREEMENT NAME: N/A
1. TYPE OF WELL OIL WELL GAS WELL OTHER	8. WELL NAME and NUMBER:
	#14-22-46 DLB
2. NAME OF OPERATOR: BILL BARRETT CORPORATION	4301333660
3. ADDRESS OF OPERATOR: 1000 48TH Christ Sts 2200 Denvis (2003) 242, 2469	10. FIELD AND POOL, OR WILDCAT: ALTAMONT
1099 18TH Street, Ste 2300 CITY Denver STATE CO ZIP 80202 (303) 312-8168	ALTAMONT
FOOTAGES AT SURFACE: 270' FSL, 1068' FWL	COUNTY: DUCHESNE
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSW 22 T4S R6W	STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REP	ORT, OR OTHER DATA
TYPE OF SUBMISSION TYPE OF ACTION	
NOTICE OF INTENT	REPERFORATE CURRENT FORMATION
(Submit in Duplicate) ALTER CASING FRACTURE TREAT	SIDETRACK TO REPAIR WELL
Approximate date work will start: CASING REPAIR NEW CONSTRUCTION	TEMPORARILY ABANDON
CHANGE TO PREVIOUS PLANS OPERATOR CHANGE	TUBING REPAIR
CHANGE TUBING PLUG AND ABANDON	VENT OR FLARE
SUBSEQUENT REPORT CHANGE WELL NAME PLUG BACK (Submit Original Form Only)	WATER DISPOSAL
Date of work completion: CHANGE WELL STATUS PRODUCTION (START/RESUME)	WATER SHUT-OFF
COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE	OTHER: APD EXTENSION
CONVERT WELL TYPE RECOMPLETE - DIFFERENT FORMATIO	N .
DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volubilities. BILL BARRETT CORPORATION (BBC) REQUESTS AN ADDITIONAL ONE-YEAR EXTELLOCATION. THE ORGINAL APD WAS APPROVED ON MAY 16, 2007, THE PREVIOUS ON MAY 1ST, 2008 AND EXPIRES ON MAY 6, 2009.	NSION ON THE APD FOR THIS
Approved by the Utah Division of Oil, Gas and Mining	
COPY SENT TO OPERATOR Date: 5 1/2 2009 Initials: KS	
NAME (PLEASE PRINT) Matt Barber TITLE Permit Analyst	

(This space for State use only)

RECEIVED MAY 0 6 2009

DATE 4/30/2009



Application for Permit to Drill Request for Permit Extension Validation

Validation (this form should accompany the Sundry Notice requesting permit extension)

API:	4301333660	
Nell Name:	#14-22-46 DLB	
_ocation:	270' FSL, 1068' FWL, SWSV	
• •	rmit Issued to: Bill Bar Permit Issued: الم	
Jale Original	Fermit issued. 7/10/200	,,,
above, hereby	verifies that the informa	rights to drill on the property as permitted ation as submitted in the previously valid and does not require revision.
Following is a verified.	checklist of some items	related to the application, which should be
•	orivate land, has the own en updated? Yes⊟Noଢ	ership changed, if so, has the surface
•		nity of the proposed well which would affect this location? Yes⊡ No☑
	en any unit or other agree operation of this propose	ements put in place that could affect the d well? Yes□No☑
	•	access route including ownership, or righted location? Yes □ No ☑
Has the appro	ved source of water for	drilling changed? Yes□No☑
	uire a change in plans fr	s to the surface location or access route om what was discussed at the onsite
s bonding stil	I in place, which covers	this proposed well? Yes⊠No□
Matt &	Sailer	4/30/2009
Signature		Date
Title: Permit A	unalyst	-
Representing	Bill Barrett Corporation	
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		AN DOOR OF THE PARTY
•		MAY 0 6 2009

DIV. OF OIL, GAS & MINING

United States Department of the Interior



BUREAU OF LAND MANAGEMENT Green River District-Vernal Field Office 170 South 500 East Vernal, UT 84078 (435) 781-4400 Fax: (435) 781-4410 http://www.blm.gov/ut/st/en/fo/vernal.html

IN REPLY REFER TO: 3160 UTG011

August 6, 2009

Matt Barber Bill Barrett Corporation 1099 18th Street, Suite 2300 Denver, CO 80202

Re:

Notice of Expiration
Well No. 14-22-46 DLB
SWSW, Sec. 22, T4S, R6W
Duchesne County, Utah
Lease No. 14-20-H62-5500

Dear Mr. Barber:

The Application for Permit to Drill for the above-referenced well was approved on July 27, 2007. No extension of the original APD was requested. According to our records, no known activity has transpired at the approved location. In view of the foregoing, this office is notifying you that the approval of the referenced application has expired. If you intend to drill at this location in the future, a new Application for Permit to Drill must be submitted.

This office requires a letter confirming that no surface disturbance has been made for this drill site. Any surface disturbance associated with the approved location of this well is to be rehabilitated. A schedule for this rehabilitation must be submitted to this office. Your cooperation in this matter is appreciated.

If you have any questions regarding this matter, please contact me at (435) 781-3428.

Sincerely,

Robin R. Hansen

Legal Instruments Examiner

CC:

UDOGM BIA Ute Tribe

SEP 15 2009

Form 3160-3 (April 2004) UNITED STATES	,		OMB 1	APPROVED No. 1004-0137 March 31, 200		
DEPARTMENT OF THE BUREAU OF LAND MAN	INTERIOR		5. Lease Serial No. 20G0005500			
APPLICATION FOR PERMIT TO DRILL OR REENTER				6. If Indian, Allotee or Tribe Name UTE INDIAN TRIBE		
1a. Type of work: ✓ DRILL REENTER			7 If Unit or CA Agreement, Name and No. N/A			
lb. Type of Well: Oil Well Gas Well Other	8. Lease Name and Well No. #14-22-46 DLB					
2. Name of Operator BILL BARRETT CORPORATION			9. API Well No. 43-013-33666	0		
3a. Address 1099 18th Street, Suite 2300 Denver CO 80202	3b. Phone No. (include area code) (303) 312-8168		10. Field and Pool, or Altamont	Exploratory		
4. Location of Well (Report location clearly and in accordance with an At surface SWSW, 270' FSL, 1068' FWL	ry State requirements.*)		11. Sec., T. R. M. or 1	Blk. and Surv	ey or Area	
At surface SWSW, 270' FSL, 1068' FWL At proposed prod. zone SESW, 660' FSL, 1980' FWL			Section 22-T4	IS-R6W U.	S.B.&M.	
14. Distance in miles and direction from nearest town or post office* Approximately 11.6 miles southwest of Duchesne, Utah			12. County or Parish Duchesne		13. State UT	—
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig, unit line, if any) 270' SHIL; 660' BHIL	16. No. of acres in lease N/A	17. Spacin	g Unit dedicated to this	well		
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. 2750' (abandoned well)	19. Proposed Depth 9593'		BIA Bond No. on file	00040		
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 7131' ungraded ground	22. Approximate date work will sta 04/01/2010	rt*	23. Estimated duration 45 days	on .		_
	24. Attachments					~
 The following, completed in accordance with the requirements of Onshor Well plat certified by a registered surveyor. A Drilling Plan. A Surface Use Plan (if the location is on National Forest System SUPO shall be filed with the appropriate Forest Service Office). 	4. Bond to cover t Item 20 above). Lands, the 5. Operator certific	he operation cation specific info	is form: ns unless covered by an ormation and/or plans a.		·	•
25. Signature Watt Bal	Name (Printed/Typed) Matt Barber	-		Date 01/06	5/2010	
Title Permit Analyst						
Approved by (Siknature)	Names (Printed/Typed) James F	H. Sı	oarger	Date MA	R 2 1	201
Tide ACTING Assistant Field Manager Lands & Mineral Resources	Office VERNA	AL FIE	LD OFFICE	<u> </u>		
Application approval does not warrant or certify that the applicant holds conduct operations thereon. Conditions of approval, if any, are attached.	s legal or equitable title to those righ	ts in the subj	ject lease which would e	entitle the app	plicant to	_
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a cr. States any false, fictitious or fraudulent statements or representations as to	ime for any person knowingly and vo	villfully to m	ake to any department of	or agency of	the United	<u></u>

*(Instructions on page 2)

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DIV. OF OIL, GAS & MINING

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UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT VERNAL FIELD OFFICE

VERNAL FIELD OFFICE VERNAL, UT 84078

(435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company:

Bill Barrett Corporation

Well No: API No:

14-22-46 DLB 43-047-33660 Location: Lease No: **SWSW, Sec.22, T4S R6W**

2OG0005500

Agreement:

N/A

OFFICE NUMBER:

(435) 781-4400

OFFICE FAX NUMBER:

(435) 781-3420

A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.

NOTIFICATION REQUIREMENTS

Construction Activity (Notify Ute Tribe Energy & Minerals Dept. and BLM Environmental Scientist)	-	The Ute Tribe Energy & Minerals Dept. and BLM Environmental Scientist shall be notified at least 48 hours in advance of any construction activity. The Ute Tribal office is open Monday through Thursday.
Construction Completion (Notify Ute Tribe Energy & Minerals Dept. and BLM Environmental Scientist)	-	Upon completion of the pertinent APD/ROW construction, notify the Ute Tribe Energy & Minerals Dept. for a Tribal Technician to verify the Affidavit of Completion. Notify the BLM Environmental Scientist prior to moving on the drilling rig.
Spud Notice (Notify BLM Petroleum Engineer)	_	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify BLM Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings to: ut vn opreport@blm.gov.
BOP & Related Equipment Tests (Notify BLM Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify BLM Petroleum Engineer)	-	Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.
		RECEIVED

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Page 2 of 6 Well: 14-22-46 DLB 3/9/2010

SURFACE USE PROGRAM CONDITIONS OF APPROVAL (COAs)

SITE SPECIFIC CONDITIONS OF APPROVAL

- All areas of disturbance (including surface pipelines) must have appropriate surface use agreements or approvals in place with the proper owner and/or agency before such action is started.
- The conditions set forth in these agreements by those owners and/or agencies.



Page 3 of 6 Well: 14-22-46 DLB

3/9/2010

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DOWNHOLE PROGRAM CONDITIONS OF APPROVAL (COAs)

SITE SPECIFIC DOWNHOLE COAs:

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- Well location TD bottom footage hole location information on the completion form 3160-4 Well Completion or Recompletion Report and Log should match and be in agreement with the from the actual drilling directional survey well departure values for the TD bottom hole location.
- A copy of the as drilled directional survey shall be submitted to the BLM Vernal Field Office. Submit the MWD-GR survey from the directional/horizontal drilling operations, hard copy or electronically.
- Production casing cement shall be brought up and into the surface casing. The minimum cement top is 200 ft above the surface casing shoe.
- COA specification is consistent with operators performance standard for top of cement (toc) stated in APD.
- A cement Bond Log (CBL) shall be run from the production casing shoe to the top of cement. A field copy of the CBL shall be submitted to the BLM Vernal Field Office.
- Logging: A Gamma Ray well Log shall be run from the well Total Depth to the surface. A copy of the Gamma Ray well Log shall be submitted to the BLM Vernal Field Office.
- The operator must report encounters of gilsonite and/or tar sand. This is a repetition of a standard COA.
- All blow back fluids from completion operations shall be contained in such a manner that no oil reaches the reserve pit.

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be

Page 4 of 6 Well: 14-22-46 DLB 3/9/2010

performed by a test pump with a chart recorder and <u>NOT</u> by the rig pumps. Test shall be reported in the driller's log.

- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- Cement baskets shall not be run on surface casing.
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water
 is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM
 Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

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Page 5 of 6 Well: 14-22-46 DLB

3/9/2010

OPERATING REQUIREMENT REMINDERS:

 All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.

- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be
 notified when it is placed in a producing status. Such notification will be by written
 communication and must be received in this office by not later than the fifth business day
 following the date on which the well is placed on production. The notification shall provide, as a
 minimum, the following informational items:

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o Operator name, address, and telephone number.

APR 0 1 2010

Well name and number.

DIV. OF OIL, GAS & MINING

- o Well location (¼¼, Sec., Twn, Rng, and P.M.).
- Date well was placed in a producing status (date of first production for which royalty will be paid).
- The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
- The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
- Unit agreement and/or participating area name and number, if applicable.
- o Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or

Page 6 of 6 Well: 14-22-46 DLB 3/9/2010

data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field
 Office Petroleum Engineers will be provided with a date and time for the initial meter calibration
 and all future meter proving schedules. A copy of the meter calibration reports shall be
 submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API
 standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All
 measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted
 to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs
 first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be
 adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively
 sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover
 equipment shall be removed from a well to be placed in a suspended status without prior
 approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30
 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given
 before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

	FORM 9				
	5.LEASE DESIGNATION AND SERIAL NUMBER: 14-20-H62-5500				
SUND	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE				
	sals to drill new wells, significantly deepen e ugged wells, or to drill horizontal laterals. Us		7.UNIT or CA AGREEMENT NAME:		
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: 14-22-46 DLB		
2. NAME OF OPERATOR: BILL BARRETT CORP			9. API NUMBER: 43013336600000		
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , E		NE NUMBER: 2-8128 Ext	9. FIELD and POOL or WILDCAT: ALTAMONT		
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0270 FSL 1068 FWL OTR/OTR, SECTION, TOWNSHI	TO DANCE MEDITIAN		COUNTY: DUCHESNE		
	2 Township: 04.0S Range: 06.0W Meridian:	U	STATE: UTAH		
11. CHE	CK APPROPRIATE BOXES TO INDICATI	E NATURE OF NOTICE, REPORT,	OR OTHER DATA		
TYPE OF SUBMISSION		TYPE OF ACTION			
	☐ ACIDIZE	ALTER CASING	CASING REPAIR		
NOTICE OF INTENT Approximate date work will start:	☐ CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME		
5/10/2010	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE		
SUBSEQUENT REPORT	DEEPEN	FRACTURE TREAT	☐ NEW CONSTRUCTION		
Date of Work Completion:	OPERATOR CHANGE	✓ PLUG AND ABANDON	☐ PLUG BACK		
_	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION		
SPUD REPORT Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON		
	☐ TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL		
☐ DRILLING REPORT	☐ WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION		
Report Date:	☐ WILDCAT WELL DETERMINATION	OTHER	OTHER:		
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Bill Barrett Corporation (BBC) is submitting this sundry as notification that while drilling the surface hole on this well, BBC got stuck at a depth of 90′. Conductor on this well is set at 40′ (59′ KB), BBC has a bit, MM, shock sub, and drill collar in the hole presently. Should BBC be unsuccessful in recovering the stuck tools BBC will commence plugging procedures for this portion of the well and file a new APD for the rig skid. P&A procedures are Date: May 10, 2010 attached. below: By:					
NAME (PLEASE PRINT) Tracey Fallang	PHONE NUMBER 303 312-8134	TITLE Regulatory Analyst			
SIGNATURE	303 312 3134	DATE			
N/A		5/10/2010			



The Utah Division of Oil, Gas, and Mining

- State of UtahDepartment of Natural Resources

Electronic Permitting System - Sundry Notices

Sundry Conditions of Approval Well Number 43013336600000

A Form 9 subsequent sundry notice of the P&A and a Form 8 Well Completion Report shall be submitted immediately upon completion of work.

> Approved by the **Utah Division of** Oil, Gas and Mining

Date: (

	FORM 9				
	5.LEASE DESIGNATION AND SERIAL NUMBER: 14-20-H62-5500				
SUNDI	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE				
	sals to drill new wells, significantly deepen ugged wells, or to drill horizontal laterals. U		7.UNIT or CA AGREEMENT NAME:		
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: 14-22-46 DLB		
2. NAME OF OPERATOR: BILL BARRETT CORP			9. API NUMBER: 43013336600000		
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300, [ONE NUMBER: 12-8128 Ext	9. FIELD and POOL or WILDCAT: ALTAMONT		
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0270 FSL 1068 FWL QTR/QTR, SECTION, TOWNSH:			COUNTY: DUCHESNE STATE:		
	2 Township: 04.0S Range: 06.0W Meridian	: U	UTAH		
CHE	CK APPROPRIATE BOXES TO INDICAT	TE NATURE OF NOTICE, REPORT,	OR OTHER DATA		
TYPE OF SUBMISSION		TYPE OF ACTION			
This is being submidrilling the 12 1/4 (BBC) got stuck a wellbore (P&A approduill collar and the shat 66 ft. The base of floor. One inch pipe ppg Premium Class was circulated to surf	CHANGE WELL STATUS CHANGE WELL STATUS DEEPEN OPERATOR CHANGE PRODUCTION START OR RESUME REPERFORATE CURRENT FORMATION TUBING REPAIR WATER SHUTOFF WILDCAT WELL DETERMINATION MICH SURFACE HOLE ON this Well, at a depth of 90 ft and was un oval received on 5/10/10). BBOOK sub, leaving the top of the the conductor is measured at was run to the top of the fish G cement was mixed at a yiel face and remained at surface. Ordance with BLMs 43 CFR 316	vellbore was P&Ad. While Bill Barrett Corporation able to continue in this C was able to recover the fish (bit and mud property) for the result of 1.15 ft3/sk. Cement A dry hole marker shall be	Accepted by the Utah Division of I, Gas and Mining RECORD ONLY		
NAME (PLEASE PRINT) Tracey Fallang	PHONE NUMBER 303 312-8134	TITLE Regulatory Analyst			
SIGNATURE N/A		DATE 5/11/2010			

STATE OF UTAH **DEPARTMENT OF NATURAL RESOURCES**

DIVISION OF OIL, GAS AND MINING

ENTITY ACTION FORM

Operator:

Bill Barrett Corporation

Operator Account Number: N 2165

Address:

1099 18th Street, Suite 2300

city Denver

state CO zip 80202 Phone Number: (303) 312-8134

Well 1

API Number	Well I	QQ	Sec	Twp	Rng	County		
4301333660	14-22-46 DLB	14-22-46 DLB		SW 22 4S		6W Duchesne		
Action Code	Current Entity Number	New Entity Number	s	Spud Date		Entity Assignment Effective Date		
Α	99999	17604	4	/28/201	0	5/1	8 /10	

Spudding Operations conducted by Craig's Roustabout #3 at 8:00 a.m.

BAL-SESW

Well 2

API Number	Well	QQ	QQ Sec Twp			County	
4301333971	16-23-36 BTR		SESE	23	38	6W	Duchesne
Action Code	Current Entity Number	New Entity Number	S	Spud Date			ity Assignment ffective Date
С	99999	17182		******			2/3/2010
Comments: Reco				5,	118/10		

Well 3

API Number	Well I	QQ	QQ Sec Twp			Rng County		
Action Code	Current Entity Number					Entity Assignmen Effective Date		
Comments:				***************************************				

ACTION CODES:

- A Establish new entity for new well (single well only)
- B Add new well to existing entity (group or unit well)
- Re-assign well from one existing entity to another existing entity
- D Re-assign well from one existing entity to a new patity EIVED
- E Other (Explain in 'comments' section)

MAY 1 7 2010

Tracey	Fallang

Name (Please Print) Tracey Fallang

Signature

Regulatory Analyst

5/17/2010

Title Date Division of Oil, Gas and Mining

Operator Change/Name Change Worksheet-for State use only

Effective Date:

11/1/2016

FORMER OPERATOR:	NEW OPERATOR:
Bill Barrett Corporation	Rig II, LLC
1099 18th Street, Suite 2300	1582 West 2600 South
Denver, CO 80202	Woods Cross, UT 84087
CA Number(s):	Unit(s):

WELL INFORMATION:

Well Name	Sec	TWN	RNG	API	Entity	Mineral	Surface	Type	Status
See Attached List									

OPERATOR CHANGES DOCUMENTATION:

1. Sundry or legal documentation was received from the **FORMER** operator on:

10/21/2016

2. Sundry or legal documentation was received from the NEW operator on:

10/21/2016

3. New operator Division of Corporations Business Number:

8256968-0160

REVIEW:

1. Surface Agreement Sundry from NEW operator on Fee Surface wells received on:

N/A

2. Receipt of Acceptance of Drilling Procedures for APD on:

10/21/2016

3. Reports current for Production/Disposition & Sundries:

11/2/2016

4. OPS/SI/TA well(s) reviewed for full cost bonding:

11/3/2016

5. UIC5 on all disposal/injection/storage well(s) approved on:

11/3/2016

6. Surface Facility(s) included in operator change:

None

7. Inspections of PA state/fee well sites complete on (only upon operators request):

11/3/2016

NEW OPERATOR BOND VERIFICATION:

1. Federal well(s) covered by Bond Number:

UTB000712

2. Indian well(s) covered by Bond Number:

LPM 922467

3.State/fee well(s) covered by Bond Number(s):

9219529

DATA ENTRY:

1. Well(s) update in the OGIS on:

11/7/2016

2. Entity Number(s) updated in OGIS on:

11/7/2016

3. Unit(s) operator number update in OGIS on:

N/A

4. Surface Facilities update in OGIS on:

N/A

5. State/Fee well(s) attached to bond(s) in RBDMS on:

11/7/2016

6. Surface Facilities update in RBDMS on:

N/A

COMMENTS:

Well Name	Sec	TWN	RNG	API Number	Entity	Mineral	Surface	Туре	Status
SWD 9-36 BTR	9	0308	060W	4301350646	18077	Indian	Fee	WD	Α
16-6D-46 BTR SWD	6	040S	060W	4301350781	18327	Indian	Fee	WD	Α
6-32-36 BTR SWD	32	030S	060W	4301350921	18329	Indian	Fee	WD	Α
LC TRIBAL 8-26D-47	26	040S	070W	4301334024		Indian	Indian	OW	APD
16-21D-37 BTR	21	030S	070W	4301350758		Indian	Fee	OW	APD
14-11D-37 BTR	11	030S	070W	4301350862		Indian	Fee	OW	APD
7-17D-46 BTR	17	040\$	060W	4301350883		Indian	Indian	OW	APD
14-12D-37 BTR	12	030S	070W	4301350894		Indian	Fee	OW	APD
1-18D-36 BTR	18	030S	060W	4301350922		Indian	Fee	OW	APD
13-2D-45 BTR	2	040S	050W	4301350931		Indian	Indian	OW	APD
5H-16-46 BTR	16	040S	060W	4301350992		Indian	Indian	OW	APD
9H-17-45 BTR	17	040S	050W	4301351098		Indian	Indian	OW	APD
13H-8-46 BTR UB	8	040S	060W	4301351124		Indian	Indian	OW	APD
BH-9-46 BTR	9	040S	060W	4301351140		Indian	Indian	ow	APD
_C TRIBAL 7-31D-37	31	030S	070W	4301351147		Indian	Fee	ow	APD
14-16D-45 BTR	16	040S	050W	4301351178		Indian	Indian	ow	APD
16-19D-37 BTR	19	030S	070W	4301351179		Indian	Fee	OW	APD
6-2D-45 BTR	2	040S	050W	4301351234		Indian	Indian	ow	APD
2-2D-45 BTR	2	040S	050W	4301351235		Indian	Indian	ow	APD
10-26-35 BTR	26	030S	050W	4301351248		Indian	Fee	OW	APD
C TRIBAL 1H-33-46	33	040S	060W	4301351257		Indian	Fee	ow	APD
_C TRIBAL 9-25D-46	25	040S	060W	4301351276		Indian	Indian	ow	APD
C TRIBAL 8H-30-45	30	040S	050W	4301351277	(8.7)	Indian	Indian	OW	APD
_C TRIBAL 16H-30-45	30	040S	050W	4301351279		Indian	Indian	ow	APD
_C TRIBAL 13-30D-45	30	040S	050W	4301351282		Indian	Indian	ow	APD
_C TRIBAL 16H-36-46	36	040S	060W	4301351291		Indian	Indian	OW	APD
C TRIBAL 13H-30-46	30	040S	060W	4301351321		Indian	Indian	OW	APD
C TRIBAL 13H-31-46	31	040S	060W	4301351326		Indian	Indian	OW	APD
_C TRIBAL 16-31D-46	31	040S	060W	4301351328		Indian	Indian	OW	APD
C TRIBAL 5H-26-47	26	040S	070W	4301351337		Indian	Indian	OW	APD
_C TRIBAL 5H-19-45	20	040S	050W	4301351349		Indian	Indian	OW	APD
C TRIBAL 16-36D-47	36	040S	070W	4301351363		Indian	Indian	OW	APD
15-4D-47 BTR	4	040S	070W	4301351377		Indian	Fee	OW	APD
16-23D-46 LC TRIBAL	23	040S	060W	4301351396		Indian	Fee	ow	APD
15-2D-36 BTR	2	030S	060W	4301351419		Indian	Fee	OW	APD
16-23D-37 BTR	23	030S	070W	4301351420	1	Indian	Fee	ow	APD
11-9D-47 BTR	9	040S	070W	4301351422		Indian	Fee	OW	APD
15-13D-47 BTR	13	040S	070W	4301351424		Indian	Indian	OW	APD
_C TRIBAL 15-19D-46	19	040S	060W	4301351426		Indian	Indian	OW	APD
16-13D-45 BTR	13	040S	050W	4301351428		Indian	Indian	OW	APD

14-12D-45 BTR	12	040S	050W	4301351444	Indian	Indian	OW	APD
16-14D-45 BTR	14	040S	050W	4301351445	Indian	Indian	OW	APD
5-13D-45 BTR	13	040S	050W	4301351446	Indian	Indian	OW	APD
LC TRIBAL 16-26D-46	26	040S	060W	4301351450	Indian	State	OW	APD
LC TRIBAL 10-20D-40	34	0408	060W	4301351451				
16-12D-45 BTR	12	040S	050W	4301351451	Indian Indian	State Indian	OW	APD
8-12D-45 BTR	12	040S	050W	4301351452			OW	APD
LC TRIBAL 1-35D-46	35	040S	060W		Indian	Indian	OW	APD
16-25D-37 BTR		0405	070W	4301351454	Indian	Fee	OW	APD
LC TRIBAL 13H-29-46	25			4301351455	Indian	Fee	OW	APD
	28	0408	060W	4301351462	Indian	Fee	OW	APD
LC TRIBAL 14-30D-37	30	0308	070W	4301351494	Indian	Fee	OW	APD
7-13D-45 BTR	13	0408	050W	4301351497	Indian	Indian	OW	APD
LC TRIBAL 4H-35-46	35	0408	060W	4301351515	Indian	Fee	OW	APD
LC TRIBAL 13H-19-46	19	040\$	060W	4301351543	Indian	Indian	OW	APD
16-26D-37 BTR	26	030S	070W	4301351598	Indian	Fee	OW	APD
LC TRIBAL 16-31D-37	31	030\$	070W	4301351610	Indian	Fee	OW	APD
5-4-35 BTR	4	030S	050W	4301351613	Indian	Fee	OW	APD
LC TRIBAL 16-31D-47	31	040S	070W	4301351616	Indian	Indian	OW	APD
LC TRIBAL 13H-31-47	31	040S	070W	4301351617	Indian	Indian	OW	APD
LC TRIBAL 13-32D-47	32	040S	070W	4301351619	Indian	Indian	OW	APD
LC TRIBAL 16H-32-47	32	040S	070W	4301351620	Indian	Indian	OW	APD
LC TRIBAL 1-32D-47	32	040S	070W	4301351624	Indian	Indian	OW	APD
LC TRIBAL 4H-32-47	32	040S	070W	4301351625	Indian	Indian	OW	APD
LC TRIBAL 13-28D-47	28	040S	070W	4301351627	Indian	Indian	OW	APD
LC TRIBAL 13H-29-47	28	040S	070W	4301351628	Indian	Indian	OW	APD
LC TRIBAL 16H-28-47	28	040S	070W	4301351629	Indian	Indian	OW	APD
LC TRIBAL 1-28D-47	28	040S	070W	4301351639	Indian	Indian	OW	APD
LC TRIBAL 1H-27-47	28	040S	070W	4301351640	Indian	Indian	OW	APD
LC TRIBAL 4H-28-47	28	040S	070W	4301351641	Indian	Indian	OW	APD
LC TRIBAL 7-25D-58	25	050S	W080	4301351643	Indian	Indian	OW	APD
LC TRIBAL 6-25D-58	25	050S	080W	4301351644	Indian	Indian	OW	APD
LC TRIBAL 13H-24-58	24	050S	W080	4301351645	Indian	Indian	OW	APD
LC TRIBAL 16-24D-58	24	050S	080W	4301351646	Indian	Indian	OW	APD
LC Tribal 8-23D-46	23	040S	060W	4301351654	Indian	Fee	OW	APD
LC Tribal 16-35D-45	35	040S	050W	4301351656	Indian	Fee	OW	APD
LC Tribal 13H-35-45	35	040S	050W	4301351657	Indian	Fee	ow	APD
LC Tribal 16-36D-45	36	040S	050W	4301351658	Indian	Fee	ow	APD
LC Tribal 13H-36-45	36	040S	050W	4301351659	Indian	Fee	OW	APD
LC Tribal 5-36D-45	36	040S	050W	4301351661	Indian	Fee	OW	APD
LC Tribal 8-26D-46	26	040\$	060W	4301351663	Indian	Fee	OW	APD
3-29D-36 BTR	29	0308	060W	4301351665	Indian	Fee	OW	APD

LC Tribal 5-35D-45	35	040S	050W	4301351666	Indian	Fee	OW	APD
_C Tribal 5-24D-46	24	0408	060W	4301351668	Indian	Indian	ow	APD
_C TRIBAL 6-12D-58	12	0508	080W	4301351696	Indian	Indian	OW	APD
LC TRIBAL 8-12D-58	12	050S	080W	4301351697	Indian	Indian	OW	APD
.C TRIBAL 16H-22-47	21	040S	070W	4301351700	Indian	Indian	OW	APD
5-25D-37 BTR	25	030S	070W	4301351803	Indian	Fee	OW	APD
8-3D-36 BTR	3	0308	060W	4301351804	Indian	Fee	OW	APD
14-26D-37 BTR	26	0308	070W	4301351805	Indian	Fee	OW	APD
9-4-35 BTR	4	0308	050W	4301351806	Indian	Fee	ow	APD
11-4D-35 BTR	4	030S	050W	4301351807	Indian	Fee	OW	APD
16-27D-37 BTR	27	0308	070W	4301351808	Indian	Fee	OW	APD
14-27D-37 BTR	27	0308	070W	4301351809	Indian	Fee	OW	APD
14-16D-46 BTR	16	040S	060W	4301351812	Indian	Indian	OW	APD
_C Tribal 16-35D-48	35	040S	080W	4301351847	Indian	Indian	OW	APD
LC Tribal 13H-35-48	35	040S	080W	4301351848	Indian	Indian	OW	APD
_C Tribal 13-2D-58	11	050S	080W	4301351850	Indian	Indian	OW	APD
5-13D-36 BTR	13	0308	060W	4301351862	Indian	Fee	OW	APD
5-8D-36 BTR	8	0308	060W	4301351871	Indian	Fee	OW	APD
16-1D-36 BTR	1	0308	060W	4301351872	Indian	Fee	ow	APD
3-18D-46 BTR	18	040S	060W	4301351897	Indian	Fee	OW	APD
_C Tribal 5-36D-46	36	0408	060W	4301351905	Indian	Indian	OW	APD
LC Tribal 5-26D-45	26	040S	050W	4301351907	Indian	Indian	OW	APD
14-13D-45 BTR	13	040S	050W	4301351974	Indian	Indian	OW	APD
14-34D-46 DLB	34	040S	060W	4301351975	Indian	Fee	OW	APD
LC Tribal 5-21D-45	21	0408	050W	4301352001	Indian	Indian	OW	APD
_C Tribal 8-22D-45	22	0408	050W	4301352002	Indian	Indian	OW	APD
_C Tribal 8-25D-45	25	0408	050W	4301352007	Indian	Indian	OW	APD
LC Tribal 16-25D-45	25	040S	050W	4301352008	Indian	Indian	OW	APD
LC Tribal 16-22D-45	22	040S	050W	4301352009	Indian	Indian	OW	APD
LC Tribal 16-26D-45	26	040S	050W	4301352010	Indian	Indian	OW	APD
LC Tribal 14-31D-37	31	0308	070W	4301352016	Indian	Fee	OW	APD
5-12D-45 BTR	12	040S	050W	4301352030	Indian	Indian	ow	APD
LC Tribal 9-20D-45	20	040S	050W	4301352031	Indian	Indian	OW	APD
LC Tribal 13-35D-47	35	0408	070W	4301352055	Indian	Indian	ow	APD
C Tribal 1-23D-47	23	040S	070W	4301352057	Indian	Indian	ow =	APD
9-17D-46 BTR	17	040S	060W	4301352059	Indian	Indian	OW	APD
11-18D-46 BTR	18	040S	060W	4301352060	Indian	Indian	OW	APD
9-10D-47 BTR	10	0408	070W	4301352092	Indian	Fee	OW	APD
LC Tribal 1-17D-47	17	0408	070W	4301352096	Indian	Fee	OW	APD
7-35D-37 BTR	35	0308	070W	4301352115	Indian	Fee	OW	APD
14-25D-37 BTR	25	0308	070W	4301352116	Indian	Fee	OW	APD

LC Tribal 5-25-46	25	040S	060W	4301352126	Indian	Indian	OW	APD
8-33D-35 BTR	33	030S	050W	4301352161	Indian	Fee	OW	APD
5-4D-36 BTR	4	030S	060W	4301352175	Indian	Fee	OW	APD
'-4D-36 BTR	4	030S	060W	4301352176	Indian	Fee	OW	APD
C Tribal 4-36D-47	36	040S	070W	4301352186	Indian	Indian	OW	APD
.C Tribal 4-22D-46	22	040S	060W	4301352944	Indian	Indian	OW	APD
.C Tribal 16-22D-46	22	040S	060W	4301352945	Indian	Indian	OW	APD
.C Tribal 11-19D-46	19	040S	060W	4301352946	Indian	Indian	OW	APD
.C Tribal 7-20D-45	20	040S	050W	4301352947	Indian	Indian	OW	APD
5-11D-35 BTR	11	030S	050W	4301353056	Indian	Fee	OW	APD
3-11D-35 BTR	11	030S	050W	4301353057	Indian	Fee	OW	APD
3TR 16-36D-37	36	030S	070W	4301353059	Indian	Fee	OW	APD
I-29D-35 BTR	30	030S	050W	4301353060	Indian	Fee	ow	APD
-30D-35 BTR	30	030S	050W	4301353061	Fee	Fee	OW	APD
C TRIBAL 3-23D-46	23	040S	060W	4301353066	Indian	State	ow	APD
C Tribal 14-23D-46	23	040S	060W	4301353067	Indian	State	OW	APD
.C Tribal 13-25D-46	25	040S	060W	4301353068	Indian	Indian	OW	APD
C Tribal 14-26D-46	26	040S	060W	4301353069	Indian	State	OW	APD
C Tribal 5-26D-46	26	040S	060W	4301353070	Indian	State	OW	APD
C Tribal 11-35D-45	35	040S	050W	4301353071	Indian	State	OW	APD
C Tribal 7-35D-45	35	040S	050W	4301353072	Indian	State	OW	APD
C Tribal 3-35D-45	35	040S	050W	4301353075	Indian	State	OW	APD
C Tribal 14-36D-45	36	040S	050W	4301353076	Indian	State	OW	APD
C Tribal 13-36D-45	36	040S	050W	4301353077	Indian	State	OW	APD
C Tribal 10-36D-45	36	040S	050W	4301353078	Indian	State	OW	APD
.C Tribal 8-36D-45	36	040S	050W	4301353079	Indian	State	OW	APD
.C Tribal 6-36D-45	36	040S	050W	4301353080	Indian	State	OW	APD
.C Tribal 1-34D-46	34	040S	060W	4301353081	Indian	State	OW	APD
.C Tribal 9-27D-46	27	040S	060W	4301353082	Indian	State	OW	APD
.C Tribal 13-35D-45	35	040S	050W	4301353083	Indian	State	OW	APD
C Tribal 8-35D-45	35	040S	050W	4301353084	Indian	State	OW	APD
.C Tribal 15-35D-45	35	040S	050W	4301353085	Indian	State	OW	APD
C Tribal 12-25D-45	25	040S	050W	4301353122	Indian	Indian	OW	APD
C Tribal 14-25D-45	25	040S	050W	4301353123	Indian	Indian	OW	APD
C Tribal 10-25D-45	25	040S	050W	4301353124	Indian	Indian	ow	APD
C Tribal 11-26-45	26	040S	050W	4301353125	Indian	Indian	OW	APD
C Tribal 13-26D-45	26	040S	050W	4301353126	Indian	Indian	OW	APD
C Tribal 7-31D-46	31	040S	060W	4301353127	Indian	Indian	OW	APD
.C Tribal 7-19D-45	19	040S	050W	4301353128	Indian	Indian	OW	APD
.C Tribal 5-19D-45	19	040S	050W	4301353130	Indian	Indian	OW	APD
.C Tribal 7-25D-46	25	040S	060W	4301353132	Indian	Indian	OW	APD

	15.	1							
_C Tribal 7-24D-46	24	0408	060W	4301353134		Indian	Indian	OW	APD
.C Tribal 14-31D-46	31	040S	060W	4301353135		Indian	Indian	OW	APD
C Tribal 14-30D-46	30	040S	060W	4301353136		Indian	Indian	OW	APD
13-4-35 BTR SWD	4	030S	050W	4301353293		Fee	Fee	OW	APD
.C FEE 14-26D-47	26	040S	070W	4301353294	1	Fee	Indian	OW	APD
C Fee 5-25D-47	25	040S	070W	4301353295		Fee	Indian	OW	APD
7-35-46 LC SWD	35	040S	060W	4301353296		Fee	Fee	OW	APD
.C Fee 1H-33-47	32	040S	070 W	4301353309		Fee	Indian	ow	APD
_C FEE 14-2D-58	2	050S	W080	4301353312		Fee	Indian	OW	APD
C FEE 13H-21-47	21	040S	070W	4301353313		Fee	Indian	OW	APD
C Fee 16-21D-47	21	040S	070W	4301353326		Fee	Indian	OW	APD
6-7D-46 BTR	7	040S	060W	4301353328		Fee	Indian	OW	APD
C Fee 15-26D-47	26	040S	070W	4301353331		Fee	Indian	OW	APD
.C Fee 4-24D-47	23	040S	070W	4301353332		Fee	Indian	OW	APD
.C Fee 5-34D-47	34	040S	070W	4301353333		Fee	Indian	OW	APD
.C Fee 5-35D-47	35	040S	070W	4301353334	:	Fee	Indian	OW	APD
3-34D-47 LC Fee	34	040S	070W	4301353337		Fee	Indian	OW	APD
4-35D-35 BTR	35	030S	050W	4301352120		Fee	Fee	OW	DRL
-17D-46 BTR	17	040S	060W	4301351078		Indian	Indian	OW	OPS
-34D-35 BTR	34	030S	050W	4301351187		Indian	Fee	OW	OPS
5-10D-45 BTR	10	040S	050W	4301351221		Indian	Indian	OW	OPS
-3D-45 BTR	3	040S	050W	4301351810		Indian	Indian	OW	OPS
-34D-35 BTR	34	030S	050W	4301352117		Fee	Fee	OW	OPS
-35D-35 BTR	35	030S	050W	4301352118		Fee	Fee	OW	OPS
-2D-46 BTR	2	040S	060W	4301353086		Indian	Fee	OW	OPS
'-21-46 DLB	21	040S	060W	4301333567	16526	Indian	Indian	OW	P
.C TRIBAL 1H-27-46	27	040S	060W	4301333568	18175	Indian	Fee	GW	P
'-29-46 DLB	29	040S	060W	4301333584	17603	Indian	Fee	GW	P
C TRIBAL 12H-28-46	28	0408	060W	4301333631	18132	Indian	Indian	GW	P
.C TRIBAL 13H-21-46	21	0408	060W	4301333632	18107	Indian	Indian	GW	 P
2-36-36 BTR	36	030S	060W	4301333638	16336	Indian	Fee	GW	P
i-5-46 BTR	5	0408	060W	4301333639	16542	Indian	Fee	OW	P
5-23-36 BTR	23	0308	060W	4301333642	16675	Indian	Fee	GW	P
4-29-36 BTR	29	030S	060W	4301333643	16725	Indian	Fee	ow	P
4-30-36 BTR	30	0308	060W	4301333644	16701	Indian	Fee	GW	<u>'</u>
'-20-46 DLB	20	040S	060W	4301333657	16584	Indian	Indian	OW	'P
.C TRIBAL 5-21D-46	21	0408	060W	4301333658	18887	Indian	Indian	OW	P
-20-46 DLB	20	0408	060W	4301333659	18750	Indian	Indian	GW	P
.C TRIBAL 13H-20-46	20	0408	060W	4301333678	17979	Indian	Indian	GW	P
14-7-46 BTR	7	0408	060W	4301333806	16890	Indian	Indian	GW	P
	1.	0.00	100011	TOO OOOOOO	10000	HIMIAII	HIGHAIL	UVV	1 1-1

1-5-45 BTR	5	040S	050W	4301333868	16931	Indian	Indian	OW	Р
5-16-36 BTR	16	030S	060W	4301333970	17195	Indian	Fee	ow	P
5-29-36 BTR	29	030S	060W	4301333972	17557	Indian	Fee	OW	P
4-30-36 BTR	30	030S	060W	4301333973	17249	Indian	Fee	OW	P
7-19-46 DLB	19	040S	060W	4301334004	19018	Indian	Indian	OW	Р
5-25-36 BTR	25	0308	060W	4301334021	17126	Fee	Fee	OW	P
5-4-45 BTR	4	0408	050W	4301334089	17507	Indian	Indian	oW	Р
13-2-46 BTR	2	040S	060W	4301334090	18618	Indian	Indian	ow	Р
2-3-45 BTR	3	040S	050W	4301334099	17932	Indian	Indian	OW	Р
7-6-45 BTR	6	040S	050W	4301334100	17653	Indian	Indian	OW	Р
1-9-45 BTR	9	0408	050W	4301334101	17910	Indian	Indian	OW	Р
8-10-45 BTR	10	040S	050W	4301334102	17530	Indian	Indian	ow	Р
7-17-45 BTR	17	040S	050W	4301334104	17933	Indian	Indian	OW	Р
16-7-45 BTR	7	040S	050W	4301334111	17665	Indian	Indian	OW	Р
15-18-45 BTR	18	040S	050W	4301334112	17832	Indian	Indian	ow	P
6-12-46 BTR	12	040S	060W	4301334114	17964	Indian	Indian	ow	P
5-13-46 BTR	13	040S	060W	4301334115	17833	Indian	Indian	OW	Р
16-26-36 BTR	26	030S	060W	4301334132	18028	Indian	Fee	ow	P
1-23-36 BTR	23	030S	060W	4301334136	17722	Indian	Fee	OW	Р
15-10-36 BTR	10	030S	060W	4301334277	17419	Indian	Fee	ow	Р
14-5-46 BTR	5	040S	060W	4301350307	17624	Fee	Fee	ow	Р
14X-22-46 DLB	22	040S	060W	4301350351	17604	Indian	Indian	ow	Р
16-13-36 BTR	13	030S	060W	4301350372	17853	Indian	Fee	ow	Р
5-33-46 DLB	33	040S	060W	4301350397	17765	Indian	Fee	OW	Р
5-34-46 DLB	34	040S	060W	4301350415	17801	Indian	State	GW	Р
LC FEE 12H-32-46	32	040S	060W	4301350431	18003	Fee	Fee	OW	Р
1-13D-47 BTR	13	040S	070W	4301350445	18205	Indian	Fee	OW	Р
16-8D-45 BTR	8	040S	050W	4301350466	18799	Indian	Indian	OW	Р
7-13D-46 BTR	13	040S	060W	4301350470	18076	Indian	Indian	OW	Р
14-8D-45 BTR	8	040S	050W	4301350567	18207	Indian	Indian	OW	Р
14-5D-45 BTR	5	040S	050W	4301350568	18108	Indian	Indian	OW	Р
16-31D-36 BTR	31	030S	060W	4301350573	18004	Indian	Fee	OW	P
5-7D-46 BTR	7	040S	060W	4301350574	18176	Indian	Indian	OW	Р
LC TRIBAL 13H-33-46	34	040S	060W	4301350575	18223	Indian	State	OW	Р
5-8-45 BTR	8	040S	050W	4301350607	18279	Indian	Indian	OW	Р
16-6D-45 BTR	6	040S	050W	4301350610	18177	Indian	Indian	OW	P
5-18D-45 BTR	18	040S	050W	4301350611	18300	Indian	Indian	OW	Р
7-26-37 BTR	26	030\$	070W	4301350641	18131	Indian	Fee	OW	Р
3-11D-36 BTR	11	030S	060W	4301350642	18299	Indian	Fee	OW	Р
16-1D-46 BTR	1	040S	060W	4301350675	18525	Indian	Indian	ow	Р
14-3-45 BTR	3	040S	050W	4301350676	18363	Indian	Indian	ow	Р

4-17D-45 BTR	17	040S	050W	4301350687	18517	Indian	Indian	OW	Р
5-6D-45 BTR	6	040S	050W	4301350688	18726	Indian	Indian	OW	Р
7-7D-45 BTR	7	040S	050W	4301350689	18380	Indian	Indian	OW	Ρ
14-10D-45 BTR	10	040S	050W	4301350754	18447	Indian	Indian	OW	P
14-9D-45 BTR	9	040S	050W	4301350755	18379	Indian	Indian	OW	P
13-16D-36 BTR	16	030S	060W	4301350757	18206	Indian	State	OW	Р
5-9D-36 BTR	9	030S	060W	4301350843	18381	Indian	Fee	ow	P
16-5D-46 BTR	5	040S	060W	4301350844	18280	Fee	Fee	OW	Р
5-27D-37 BTR	27	030S	070W	4301350847	18526	Indian	Fee	OW	Р
7-4D-45 BTR	4	040S	050W	4301350884	18562	Indian	Indian	OW	Р
2-16D-45 BTR	16	040S	050W	4301350899	18619	Indian	Indian	OW	P
16-10D-45 BTR	10	040S	050W	4301350902	18725	Indian	Indian	OW	P
5-2D-36 BTR	2	030S	060W	4301350913	18886	Indian	Fee	OW	Р
13H-27-36 BTR	27	030S	060W	4301350918	18445	Indian	State	OW	P
8-16D-46 BTR	16	040S	060W	4301350953	19027	Indian	Indian	OW	Р
16-16D-46 BTR	16	040S	060W	4301350956	19028	Indian	Indian	OW	P
16-9D-45 BTR	9	040S	050W	4301350962	18662	Indian	Indian	OW	Р
14-31D-36 BTR	31	030S	060W	4301350973	18524	Indian	Fee	OW	Р
5-10D-36 BTR	10	030S	060W	4301350978	18989	Indian	Fee	OW	Р
1-32D-36 BTR	32	030S	060W	4301350979	18648	Indian	Fee	OW	Р
16-12D-36 BTR	12	030S	060W	4301350980	18748	Indian	Fee	ow	Р
2-18D-45 BTR	18	040S	050W	4301350991	18776	Indian	Indian	OW	P
3-1-46 BTR	1	040S	060W	4301351017	18777	Indian	Fee	ow	Р
10-5-45 BTR	5	040S	050W	4301351062	18724	Indian	Indian	OW	Р
12-4D-45 BTR	4	040S	050W	4301351063	18813	Indian	Indian	ow	Р
1-10D-45 BTR	10	040S	050W	4301351064	18966	Indian	Indian	ow	Р
16-2D-46 BTR	2	040S	060W	4301351079	18830	Indian	Indian	OW	Р
9H-4-45 BTR	4	040S	050W	4301351092	18814	Indian	Indian	OW	Р
12-17-45 BTR	17	040S	050W	4301351097	18984	Indian	Indian	OW	Р
5-9D-46 BTR	9	040S	060W	4301351109	19313	Indian	Fee	OW	Р
14-9D-36 BTR	9	030S	060W	4301351144	19004	Indian	Fee	OW	Р
5-31D-36 BTR	31	030S	060W	4301351146	18691	Indian	Fee	ow	Р
4-9D-45 BTR	9	040S	050W	4301351157	18883	Indian	Indian	OW	Р
8-12D-46 BTR	12	040S	060W	4301351159	18911	Indian	Indian	OW	Р
LC TRIBAL 16-23D-47	23	040S	070W	4301351180	18617	Indian	Indian	OW	Р
14-7D-45 BTR	7	040S	050W	4301351222	18949	Indian	Indian	OW	Р
5-16D-45 BTR	16	040S	050W	4301351223	18987	Indian	Indian	OW	P
4-5D-45 BTR	5	040S	050W	4301351242	18882	Indian	Indian	OW	P
LC TRIBAL 16H-19-45	19	040S	050W	4301351278	18627	Indian	Indian	OW	Р
LC TRIBAL 13-19D-45	19	040S	050W	4301351280	18628	Indian	Indian	OW	Р
LC TRIBAL 5-30D-45	30	040S	050W	4301351281	19448	Indian	Indian	ow	Р

LC TRIBAL 15-24D-46	24	040S	060W	4301351283	18626	Indian	Indian	OW	Р
LC TRIBAL 13H-24-46	19	040S	050W	4301351289	18629	Indian	Indian	ow	P
7-16-47 BTR	16	040S	070W	4301351296	18950	Indian	Fee	ow	P
14-18D-45 BTR	18	040S	050W	4301351313	19005	Indian	Indian	ow	Р
LC TRIBAL 16-30D-46	30	040S	060W	4301351320	19006	Indian	Indian	OW	Р
LC TRIBAL 5-20D-45	20	040S	050W	4301351331	19449	Indian	Indian	OW	Р
11-8D-46 BTR	8	040\$	060W	4301351336	19314	Indian	Indian	OW	Р
5-7D-45 BTR	7	040S	050W	4301351350	18951	Indian	Indian	OW	Р
7-5-35 BTR	5	0308	050W	4301351599	19078	Indian	Fee	OW	Р
13-5D-35 BTR	5	030S	050W	4301351600	18996	Indian	Fee	OW	Р
11-5D-35 BTR	5	030S	050W	4301351601	19061	Fee	Fee	OW	Р
15-5D-35 BTR	5	030S	050W	4301351602	19062	Fee	Fee	OW	Р
9-5D-35 BTR	5	030S	050W	4301351609	19029	Indian	Fee	OW	Р
3-5D-35 BTR	5	030S	050W	4301351638	19079	Indian	Fee	OW	Р
7-8-46 BTR	8	040S	060W	4301351702	19315	Indian	Indian	OW	P
7-30-46 DLB	30	040S	060W	4301351703	18997	Fee	Indian	OW	Р
3-13D-46 BTR	13	040S	060W	4301351718	18881	Indian	Indian	OW	Р
2-13D-46 BTR	13	040S	060W	4301351719	18885	Indian	Indian	OW	Р
12-12D-46 BTR	12	040S	060W	4301351720	18867	Indian	Indian	OW	∱P
10-12D-46 BTR	12	040S	060W	4301351721	18856	Indian	Indian	OW	P
11-11D-47 BTR	11	040S	070W	4301352091	19633	Fee	Fee	OW	Р
7-12D-47 BTR	12	040S	070W	4301352094	19600	Indian	Fee	ow	Р
5-12D-47 BTR	12	040S	070W	4301352095	19634	Indian	Fee	ow	Р
14-33D-35 BTR	33	030S	050W	4301352162	19450	Indian	Fee	OW	Р
16-33D-35 BTR	33	030S	050W	4301352163	19451	Indian	Fee	OW	Р
14-22-46 DLB	22	040S	060W	4301333660	17604	Indian	Indian	D	PA
13H-31-36 BTR	31	0308	060W	4301350465	18485	Indian	Fee	OW	PA
16X-23D-36 BTR	23	030S	060W	4301350623	18007	Indian	State	OW	PA
8-6-45 BTR	6	040S	050W	4301350900	18561	Indian	Indian	OW	PA
13-13-36 BTR	13	030S	060W	4301350919	18364	Indian	Fee	OW	PA
7-28-46 DLB	28	040S	060W	4301333569	16460	Indian	Indian	OW	S
5-21-36 BTR	21	030S	060W	4301333641	16674	Indian	Fee	GW	S
13-26-36 BTR	26	030S	060W	4301333980	17569	Indian	Fee	OW	S
14-1-46 BTR	1	040S	060W	4301334113	18516	Indian	Indian	OW	S
16-21-36 BTR	21	030S	060W	4301334130	17721	Indian	Fee	OW	S
14-21-36 BTR	21	030S	060W	4301334131	18006	Indian	Fee	OW	S
7-16-36 BTR	16	030\$	060W	4301334133	17834	Indian	Fee	OW	S
1-30-36 BTR	30	0308	060W	4301334134	17905	Indian	Fee	ow	S
16-30-36 BTR	30	0308	060W	4301334135	18005	Indian	Fee	OW	S
3-23-36 BTR	23	030\$	060W	4301334137	17860	Indian	Fee	OW	S
16-16-36 BTR	16	030S	060W	4301334138	17666	Indian	Fee	OW	S

4-26-36 BTR	26	030S	060W	4301334139	17620	Fee	Fee	OW	S
9-11-36 BTR	11	030S	060W	4301334276	17451	Indian	Fee	OW	S
3-36-36 BTR	36	030S	060W	4301350398	17955	Indian	Fee	OW	S
7-10-36 BTR	10	030S	060W	4301350437	18052	Indian	Fee	OW	S
16-12D-46 BTR	12	040S	060W	4301350467	18051	Indian	Indian	OW	S
13H-13-46 BTR	13	040S	060W	4301350468	18208	Indian	Indian	OW	S
13-12-46 BTR	12	040S	060W	4301350469	18233	Indian	Indian	OW	S
14-8D-36 BTR	8	030S	060W	4301350612	18163	Indian	Fee	OW	S
14-7D-36 BTR	7	030S	060W	4301350613	18330	Indian	Fee	ow	S
16-9-36 BTR	9	0308	060W	4301350645	18078	Indian	Fee	OW	S
7-27-37 BTR	27	030S	070W	4301350647	18090	Indian	Fee	OW	S
16-12D-37 BTR	12	030S	070W	4301350785	18446	Indian	Fee	OW	S
14-21D-37 BTR	21	030S	070W	4301350859	18548	Indian	Fee	OW	S
10-18D-36 BTR	18	030S	060W	4301350915	18884	Indian	Fee	OW	S
5-27D - 36	27	030S	060W	4301350917	18482	Indian	State	ow	S
10-36D-36 BTR	36	030S	060W	4301351005	18523	Indian	Fee	OW	S
14-6D-45 BTR	6	040S	050W	4301351158	18967	Indian	Indian	ow	S
5H-1-46 BTR UTELAND BUTTE	6	040S	050W	4301351215	18728	Indian	Indian	OW	S
5H-1-46 BTR WASATCH	6	040S	050W	4301351216	18727	Indian	Indian	OW	S
1-25D-36 BTR	25	030S	060W	4301351294	18798	Indian	Fee	OW	S
5-5D-35 BTR	5	030S	050W	4301351605	19055	Indian	Fee	OW	S
16-23-36 BTR	23	030S	060W	4301333971	17182	Indian	Fee	OW	TA
LC TRIBAL 14-23D-47	23	040S	070W	4301334022	18616	Indian	Indian	OW	TA
5-32D-36 BTR	32	030S	060W	4301350756	18328	Indian	Fee	OW	TA



October 20, 2016

RECEIVED

OCT 21 2016

Re: Bill Barrett Corporation Transfer to New Operator

DIV. OF OIL, GAS & MINING

Dear Ms. Medina:

Attached please find the change of operation Form 9, Form 5's and Request to Transfer APD formchanging the operator from Bill Barrett Corporation to RIG II, LLC, effective 11/1/2016. Badlands Energy – Utah, LLC will be a sub-operator.

New Operator Contact information:

RIG II, LLC 1582 West 2600 South Woods Cross, Utah 84087-0298 Telephone:(801) 683-4245 Fax:(801) 298-9889

Upon reviewing the attached, please contact myself with any questions at 303-312-8115.

Sincerely,

Bill Barrett Corporation

Brady Riley Permit Analyst

STATE OF UTAH FORM 9 **DEPARTMENT OF NATURAL RESOURCES** 5. LEASE DESIGNATION AND SERIAL NUMBER: DIVISION OF OIL, GAS AND MINING (see attached well list) 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: SUNDRY NOTICES AND REPORTS ON WELLS N/A 7, UNIT or CA AGREEMENT NAME: Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. 1. TYPE OF WELL 8. WELL NAME and NUMBER OIL WELL 🔽 GAS WELL (see attached well list) 2. NAME OF OPERATOR: 9. API NUMBER RIG II, LLC 3. ADDRESS OF OPERATOR PHONE NUMBER: 10. FIELD AND POOL, OR WILDCAT: 1582 West 2600 South (801) 683-4245 STATE UT ZIP 84087 Wood Cross 4. LOCATION OF WELL FOOTAGES AT SURFACE: (see attached well list) COUNTY: QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: STATE: UTAH CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA 11. TYPE OF SUBMISSION TYPE OF ACTION ACIDIZE REPERFORATE CURRENT FORMATION NOTICE OF INTENT (Submit in Duplicate) ALTER CASING FRACTURE TREAT SIDETRACK TO REPAIR WELL Approximate date work will start; CASING REPAIR **NEW CONSTRUCTION** TEMPORARILY ABANDON 11/1/2016 CHANGE TO PREVIOUS PLANS OPERATOR CHANGE TUBING REPAIR CHANGE TUBING PLUG AND ABANDON VENT OR FLARE SUBSEQUENT REPORT CHANGE WELL NAME PLUG BACK WATER DISPOSÁL (Submit Original Form Only) CHANGE WELL STATUS PRODUCTION (START/RESUME) WATER SHUT-OFF Date of work completion: COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE OTHER: CONVERT WELL TYPE **RECOMPLETE - DIFFERENT FORMATION** 12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. RIG II, LLC IS SUBMITTING THIS SUNDRY AS NOTIFICATION THAT THE WELLS LISTED ON THE ATTACHED LIST HAVE BEEN SOLD TO-Rig II, LLC BY BILL BILL BARRETT CORPORATION EFFECTIVE 11/1/2016. PLEASE REFER ALL FUTURE CORRESPONDENCE TO THE ADDRESS BELOW. RIG II, LLC 1582 West 2600 South Woods Cross, Utah 84087-0298 801-683-4245 (STATE/FEE BOND # 9219529/ BLM BOND # UTB000712/ BIA BOND # LPM9224670) BILL BARRETT CORPORATION NOILS RIG II, LLC MAME (PLEASE PRINT) _ NAME (PLEASE PRINT) SIGNATURE SIGNATURE EH&S, Government and Regulatory Affairs Jesse McSwain Manager NAME (PLEASE PRINT) 1012016

APPROVED

NOV 0 7 2016

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STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

Request to Transfer Application or Permit to Drill

Well name:		(See attached lis	st)			
API number:						
Location:		Qtr-Qtr:	Section:	Township: Range:		
Company that	filed original application:	Bill Barrett Corpo	oration			
Date original pe	ermit was issued:					
Company that	permit was issued to:	Bill Barrett Cor	poration			
			÷			
Check one		Desi	red Action:			
Transfor	pending (unapproved) App	lication for Po	rmit to Drill to no	w operator		
submitted	in the pending Application fo	or Permit to Dril	l, remains valid ar	by verifies that the information as nd does not require revision. The cedures as stated in the application	new	
✓ Transfer	approved Application for P	ermit to Drill t	o new operator			
				ermitted, hereby verifies that the remains valid and does not requir	e	
		-41441			Τ.,	Ι
	checklist of some items rela		Tilication, which s	snould be verified.	Yes	No
<u> </u>	vate land, has the ownership				√	
	the surface agreement been				1	✓
Have any wells requirements for	been drilled in the vicinity of t r this location?	he proposed w	ell which would af	fect the spacing or siting		✓
Have there beer proposed well?	າ any unit or other agreement	ts put in place t	hat could affect th	e permitting or operation of this		✓
Have there been proposed location		route including	ownership or righ	t-of-way, which could affect the		✓
Has the approve	ed source of water for drilling	changed?				✓
	n any physical changes to the was discussed at the onsite		on or access route	which will require a change in		1
ls handing still in	n place, which covers this pro	posed well? B	ond No. 9219529-UDOGM/U	JTB000712-BI,M / LPM9224670-BIA	1	
13 Donaing Still II					_	rad
Any desired or r should be filed on necessary supp	on a Sundry Notice, Form 9, c orting information as required	or amended Ap	olication for Permi	n for Permit to Drill that is being tr it to Drill, Form 3, as appropriate,		rea,
Any desired or r should be filed of necessary support	on a Sundry Notice, Form 9, c	or amended Ap	Title Manager			rea,
Any desired or r should be filed of necessary support Name (please p Signature	on a Sundry Notice, Form 9, c orting information as required	or amended Ap	olication for Permi			

The person signing this form must have legal authority to represent the company or individual(s) to be listed as the new operator on the Application for Permit to Drill.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL, GAS AND MINING

•	TRAI	NSFE	R OF	AUTHORITY TO INJECT	•
Well Name and Number 6-32-36 BTR SWD		4			API Number 4301350921
Location of Well				DUQUENOE	Field or Unit Name CEDAR RIM
Footage: 1628 FNL 1553 FWL QQ, Section, Township, Range: SENW	32	3S	6W	County : DUCHENSE State : UTAH	Lease Designation and Number 2OG0005608

EFFECTIVE DATE OF TRANSFER: 11/1/2016

CURRENT OP	PERATOR	
Company:	BILL BARRETT CORPORATION	Name: Duane Zavadil
Address:	1099 18th Street Ste 2300	Signature: 2nCd
	city DENVER state CO zip 80202	Senior Vice President - Title: EH&S, Government and Regulatory Affairs
Phone:	(303) 293-9100	Date: 10 20 16
Comments	· · · · · · · · · · · · · · · · · · ·	

Address: 1582 West 2600 South Signature: Signature: Manager	Company: RIG II, LLC Name: Jesse McSwain	
10/2 . 111	1593 West 2000 Courts	R:
(004) 002 4045	city Wood Cross state UT zip 84087 Title: Manager	
Phone: (801) 683-4245 Date: 10 LC 10	Phone: (801) 683-4245 Date: 10 20 10	

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Transfer approved by:

Approval Date: ///3//L

Comments:

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

	TRANSFER OF AL	JTHORITY TO INJECT	Γ
Well Name and 16-6D-46 BT			API Number 4301350781
ocation of Well		:	Field or Unit Name
Footage: 02	200 FSL 0099 FEL	County : DUCHESNE	ALTAMONT Lease Designation and Number
QQ, Section,	Township, Range: SESE 6 4S 6W	State: UTAH	20G0005608
	11/1/2016		
EFFECTIVE L	DATE OF TRANSFER: 11/1/2016		
CURRENT OP	PERATOR		
Company:	BILL BARRETT CORPORATION	Name: Duane	e Zavadil
Address:	1099 18th Street Ste 2300	Signature:	m Zinal
	city DENVER state CO zip 80202	SeniorV	ice President - Government and Regulatory Affairs
Phone:	(303) 293-9100	Date:	20/16
Comments:			
oommonto.	•		
NEW OPERAT			
VEW OF LINA	iok		
Company:	RIG II, LLC	Name: Jesse	McSwain ⁽
Address:	1582 West 2600 South	Signature:	Leve MG:
, , , , , , , , , , , , , , , , , , , ,	city Wood Cross state UT zip 84087	Title: Mana	
Phone:	(801) 683-4245	Date:	120/16
Comments:	:		
This space for S	state use only)	· ·	1
Transfer ap	oproved by:	Approval Date:	11/3/16
	Title: VIC		•

Comments:

STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

	TRANSFER OF AL	UTHORITY TO INJECT	Γ
Vell Name and N SWD 9-36 B			API Number 4301350646
ocation of Well			Field or Unit Name CEDAR RIM
Footage: 05	539 FSL 0704 FEL	County : DUCHESNE	Lease Designation and Number
QQ, Section,	Township, Range: SESE 9 3S 6W	State: UTAH	2OG0005608
FFECTIVE D	PATE OF TRANSFER: 11/1/2016		
URRENT OP	ERATOR		
	DUL DADDETT CODDODATION	_	
Company:	BILL BARRETT CORPORATION	Name: Duane	e Zavadil
Address:	1099 18th Street Ste 2300	Signature: Senior V	ice kiesident -
	city DENVER state CO zip 80202	Title: EH&S, C	Government and Regulatory Affairs
Phone:	(303) 293-9100	Date: <u>\</u>	2014
Comments:			
EW OPERAT	OR		
Company:	RIG II, LLC	Name: Jesse	McSwain
Address:	1582 West 2600 South	Signature:	ene MG:
	city Wood Cross state UT zip 84087	Title: Mana	ger
Phone:	(801) 683-4245	Date:	20/14
Comments:			
sis annag far Ct	ofe use only)		
nis space for St			
Transfer ap	proved by:		
	Title:	-/A. IICE	PA.
Comm	nents: This well was approved with	rived 49 USC	, , , ,
	FPA approved Wi	Il be required	
	<u> </u>	V	